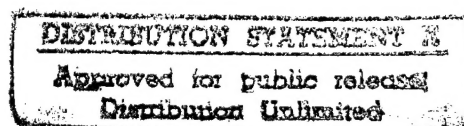


DTIC

FY 1997
BUDGET ESTIMATES
AIR NATIONAL GUARD



19960409 219 FY 1997
MILITARY CONSTRUCTION
PROGRAM

Justification Data Submitted to Congress
March 1996

DTIC

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1997

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**SUMMARY PROJECT LIST
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM – FY 1997**

<u>STATE/ COUNTRY</u>	<u>INSTALLATION AND PROJECT</u>	<u>AUTH/APPROP AMOUNT (000)</u>	<u>DD FORM 1391 PAGE NO.</u>
Florida	Jacksonville International Airport (ANG)		
	Upgrade Heating Plants and Chillers	<u>680</u>	b - 3
	Sub-Total Florida	680	
Georgia	Robins Air Force Base		
	B-1 Aircraft Parking Apron and Relocate Taxiway	8,800	b - 8
	B-1 Composite Aircraft Maintenance Complex	12,400	b - 11
	B-1 AGE and Munitions Trailer Maintenance Complex	2,800	b - 14
	B-1 Site Improvements, Roads, and Utilities	<u>5,500</u>	b - 17
	Sub-Total Georgia	29,500	
Hawaii	Hickam Air Force Base		
	Alter Avionics Shop	<u>1,000</u>	b - 22
	Sub-Total Hawaii	1,000	
Idaho	Boise Air Terminal (Gowen Field)		
	Fuel Systems Maintenance and Corrosion Control Facility	<u>4,500</u>	b - 26
	Sub-Total Idaho	4,500	
Illinois	Greater Peoria Regional Airport (ANG)		
	Fuel Systems Maintenance and Corrosion Control Facility	<u>4,200</u>	b - 31
	Sub-Total Illinois	4,200	
Indiana	Fort Wayne International Airport		
	Upgrade Drainage System	<u>480</u>	b - 36
	Sub-Total Indiana	480	
Massachusetts	Barnes Municipal Airport (ANG)		
	Upgrade Heating Distribution System	<u>500</u>	b - 40
	Sub-Total Massachusetts	500	
Maryland	Andrews Air Force Base		
	Munitions Trailer Maintenance Facility	<u>500</u>	b - 44

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (000)	DD FORM 1391 PAGE NO.
	Sub-Total Maryland	500	
Michigan	Selfridge Air National Guard Base Upgrade Heating Systems	3,000	b - 49
	Sub-Total Michigan	3,000	
New Jersey	Atlantic City International Airport Add to and Alter Medical Training Facility	380	b - 97
	Sub-Total New Jersey	380	
New Mexico	Kirtland Air Force Base Munitions Maintenance and Storage Complex	3,000	b - 56
	Sub-Total New Mexico	3,000	
Nevada	Reno Cannon International Airport Fuel Systems Maintenance and Corrosion Control Hangar	4,600	b - 61
	Sub-Total Nevada	4,600	
New York	Francis S Gabreski Airport Aircraft Washing and Deicing Facility	659	b - 66
	Stewart International Airport C-5 Flight Simulator Facility	3,000	b - 71
	Sub-Total New York	3,659	
Oklahoma	Will Rogers World Airport Add to and Alter Security Police Facility	570	b - 76
	Sub-Total Oklahoma	570	
Texas	Fort Worth Joint Reserve Base Fuel Cell and Corrosion Control Facility	3,450	b - 80
	Sub-Total Texas	3,450	
Utah	Salt Lake City International Airport (ANG) Electronics Security Squadron Complex	2,250	b - 85
	Sub-Total Utah	2,250	
Wisconsin	Volk Field Air National Guard Base Upgrade Sanitary Sewer System	850	b - 90

<u>STATE/ COUNTRY</u>	<u>INSTALLATION AND PROJECT</u>	<u>AUTH/APPROP AMOUNT (000)</u>	<u>DD FORM 1391 PAGE NO.</u>
	Sub-Total Wisconsin	850	
	SUB-TOTAL INSIDE THE UNITED STATES	63,119	
	OUTSIDE THE UNITED STATES		
Puerto Rico	Puerto Rico International Airport		
	Refueling Vehicle Shop and Paint Bay	450	b - 94
	Sub-Total Puerto Rico	450	
	SUB-TOTAL OUTSIDE THE UNITED STATES	450	
	SUB-TOTAL -- ALL BASES	63,569	
	PLANNING AND DESIGN	7,725	b - 98
	UNSPECIFIED MINOR CONSTRUCTION	4,100	b -101
	SUB-TOTAL -- SUPPORT COSTS	11,825	
	GRAND TOTAL	75,394	

**FY 1997 MILITARY CONSTRUCTION AUDIT TRAIL
AIR NATIONAL GUARD**

STATE\ INSTALLATION\ PROJECT NAME	FY 1996/1997 BIENNIAL BUDGET (\$000)	CHANGE \$0	AMENDED FY 1997 BUDGET (\$000)
Alabama			
Dannelly Field Air National Guard			
Upgrade Composite Hangar	<u>2,700</u>	<u>-2,700</u>	<u>0</u>
Sub-total Alabama	2,700	-2,700	0
California			
Channel Islands ANG Station			
Upgrade Drainage Systems	1,000	-1,000	0
March Air Reserve Base			
Alter General Purpose Aircraft Shops	1,765	-1,765	0
Sepulveda Air National Guard Station			
Supply and Civil Engineer Facility	<u>1,800</u>	<u>-1,800</u>	<u>0</u>
Sub-total California	4,565	-4,565	0
Colorado			
Buckley Air National Guard Base			
Upgrade Sanitary Sewer System	<u>310</u>	<u>-310</u>	<u>0</u>
Sub-total Colorado	310	-310	0
Florida			
Jacksonville International Airport (ANG)			
Upgrade Heating Plants and Chillers	<u>680</u>	<u>0</u>	<u>680</u>
Sub-total Florida	680	0	680
Georgia			
Robins Air Force Base			
B-1 Aircraft Parking Apron and Relocate Taxiway	0	+8,800	8,800
B-1 Composite Aircraft Maintenance Complex	13,761	-1,361	12,400
B-1 AGE and Munitions Trailer Maintenance Complex	0	+2,800	2,800
B-1 Site Improvements, Roads, and Utilities	6,300	-800	5,500
B-1 Composite Squadron Operations Facility	6,429	-6,429	0
B-1 Munitions Maintenance and Training Complex	<u>3,000</u>	<u>-3,000</u>	<u>0</u>
Sub-total Georgia	29,490	+10	29,500

STATE\ INSTALLATION\ PROJECT NAME	FY 1996/1997 BIENNIAL BUDGET (\$000)	CHANGE \$0	AMENDED FY 1997 BUDGET (\$000)
Hawaii			
Hickam Air Force Base			
Alter Avionics Shop	0	+1,000	1,000
Sub-total Hawaii	0	+1,000	1,000
Idaho			
Boise Air Terminal (Gowen Field)			
Fuel Systems Maintenance and Corrosion Control Facility	0	+4,500	4,500
Sub-total Idaho	0	+4,500	4,500
Illinois			
Greater Peoria Regional Airport (ANG)			
Fuel Systems Maintenance and Corrosion Control Facility	3,685	+515	4,200
Sub-total Illinois	3,685	+515	4,200
Indiana			
Fort Wayne International Airport			
Upgrade Drainage System	500	-20	480
Sub-total Indiana	500	-20	480
Kansas			
McConnell Air Force Base			
B-1 Fuel Systems Maintenance Hangar	5,356	-5,356	0
Sub-total Kansas	5,356	-5,356	0
Massachusetts			
Barnes Municipal Airport (ANG)			
Upgrade Heating Distribution System	740	-240	500
Sub-total Massachusetts	740	-240	500
Maryland			
Andrews Air Force Base			
Munitions Trailer Maintenance Facility	0	+500	500
Sub-total Maryland	0	+500	500

STATE\ INSTALLATION\ PROJECT NAME	FY 1996/1997 BIENNIAL BUDGET (\$000)	CHANGE \$0	AMENDED FY 1997 BUDGET (\$000)
Michigan			
Selfridge Air National Guard Base Upgrade Heating Systems	3,600	-600	3,000
Sub-total Michigan	3,600	-600	3,000
Minnesota			
Minneapolis St Paul International Airport Upgrade Refueling Vehicle Maintenance and Washing Facility	360	-360	0
Sub-total Minnesota	360	-360	0
Nebraska			
Lincoln Municipal Airport (ANG) Remove Underground Fuel Storage Tanks	1,850	-1,850	0
Sub-total Nebraska	1,850	-1,850	0
New Jersey			
Atlantic City International Airport Add to and Alter Medical Training Facility	0	+380	380
McGuire Air Force Base Composite Base Civil Engineer Maintenance Facility	3,250	-3,250	0
Sub-total New Jersey	3,250	-2,870	380
New Mexico			
Kirtland Air Force Base Munitions Maintenance and Storage Complex	2,900	+100	3,000
Sub-total New Mexico	2,900	+100	3,000
Nevada			
Reno Cannon International Airport Fuel Systems Maintenance and Corrosion Control Hangar	0	+4,600	4,600
Sub-total Nevada	0	+4,600	4,600

STATE\ INSTALLATION\ PROJECT NAME	FY 1996/1997 BIENNIAL BUDGET (\$000)	CHANGE \$0	AMENDED FY 1997 BUDGET (\$000)
New York			
Francis S. Gabreski Airport			
Aircraft Washing and Deicing Facility	630	+29	659
Stewart International Airport			
C-5 Flight Simulator Facility	3,000	0	3,000
Sub-total New York	3,630	+29	3,659
North Carolina			
Charlotte/Douglas International Airport			
Aeromed Evacuation Training Facility	1,950	-1,950	0
Sub-total North Carolina	1,950	-1,950	0
Ohio			
Mansfield Lahm Airport (ANG)			
Aircraft Deicing Apron	490	-490	0
Sub-total Ohio	490	-490	0
Oklahoma			
Will Rogers World Airport			
Add to and Alter Security Police Facility	500	+70	570
Sub-total Oklahoma	500	+70	570
Rhode Island			
Coventry ANG Station			
Communications and Electronics Training Facility	2,500	-2,500	0
Sub-total Rhode Island	2,500	-2,500	0
Texas			
Fort Worth Joint Reserve Base			
Fuel Cell and Corrosion Control Facility	0	+3,450	3,450
Sub-total Texas	0	+3,450	3,450
Utah			
Salt Lake City International Airport (ANG)			
Electronics Security Squadron Complex	0	+2,250	2,250
Vehicle Washing Facility	460	-460	0
Sub-total Utah	460	+1,790	2,250

STATE\ INSTALLATION\ PROJECT NAME	FY 1996/1997 BIENNIAL BUDGET (\$000)	CHANGE \$0	AMENDED FY 1997 BUDGET (\$000)
Virginia			
Richmond IAP (Byrd Field)			
Vehicle Maintenance Complex	1,550	-1,550	0
Sub-total Virginia	1,550	-1,550	0
Wisconsin			
Volk Field Air National Guard Base			
Munitions Storage Igloos	700	-700	0
Upgrade Sanitary Sewer System	320	+530	850
Sub-total Wisconsin	1,020	-170	850
Site 1			
Site 1			
Upgrade Maintenance Hangar	4,000	-4,000	0
Sub-total Site 1	4,000	-4,000	0
SUB-TOTAL INSIDE THE UNITED STATES	76,086	-12,967	63,119
OUTSIDE THE UNITED STATES			
Puerto Rico			
Puerto Rico International Airport			
Refueling Vehicle Shop and Paint Bay	460	-10	450
Sub-total Puerto Rico	460	-10	450
SUB-TOTAL OUTSIDE THE UNITED STATES	460	-10	450
SUB-TOTAL - ALL BASES	76,546	-12,977	63,569
PLANNING AND DESIGN	4,725	+3,000	7,725
UNSPECIFIED MINOR CONSTRUCTION	4,100	+0	4,100
SUB-TOTAL - SUPPORT COSTS	8,825	+3,000	11,825
GRAND TOTAL	85,371	-9,977	75,394

**SUMMARY PROJECT LIST
AIR NATIONAL GUARD
NEW MISSION VERSUS CURRENT MISSION -- FY 97**

LOCATION	PROJECT	COST (000)	CURRENT/ NEW/ENV
Jacksonville IAP ANG FL	Upgrade Heating Plants and Chillers	680	ENV
Robins AFB GA	B-1 Aircraft Parking Apron and Relocate Taxiway	8,800	N
	B-1 Composite Aircraft Maintenance Complex	12,400	N
	B-1 AGE and Munitions Trailer Maintenance Complex	2,800	N
	B-1 Site Improvements, Roads, and Utilities	5,500	N
Hickam AFB HI	Alter Avionics Shop	1,000	N
Boise AT (Gowen Field) ID	Fuel Systems Maintenance and Corrosion Control Facility	4,500	N
Greater Peoria Airport ANG IL	Fuel Systems Maintenance and Corrosion Control Facility	4,200	N
Fort Wayne IAP IN	Upgrade Drainage System	480	ENV
Barnes Municipal Apt ANG MA	Upgrade Heating Distribution System	500	ENV
Andrews AFB MD	Munitions Trailer Maintenance Facility	500	C
Selfridge ANG Base MI	Upgrade Heating Systems	3,000	ENV
Atlantic City IAP NJ	Add to and Alter Medical Training Facility	380	C
Kirtland AFB NM	Munitions Maintenance and Storage Complex	3,000	N
Reno Cannon IAP NV	Fuel Systems Maintenance and Corrosion Control Hangar	4,600	N
Francis S Gabreski Airport NY	Aircraft Washing and Deicing Facility	659	ENV
Stewart IAP NY	C-5 Flight Simulator Facility	3,000	N
Will Rogers World Apt OK	Add to and Alter Security Police Facility	570	C
Fort Worth Joint Reserve Base TX	Fuel Cell and Corrosion Control Facility	3,450	ENV
Salt Lake City IAP ANG UT	Electronics Security Squadron Complex	2,250	N
Volk Field ANGB WI	Upgrade Sanitary Sewer System	850	ENV

LOCATION	PROJECT	COST (000)	CURRENT/ NEW/ENV
Puerto Rico IAP PR	Refueling Vehicle Shop and Paint Bay	<u>450</u>	ENV
	PLANNING AND DESIGN	7,725	
	UNSPECIFIED MINOR CONSTRUCTION	<u>4,100</u>	
	TOTAL NEW MISSION	52,050	
	TOTAL CURRENT MISSION	1,450	
	TOTAL ENVIRONMENTAL	<u>10,069</u>	
	GRAND TOTAL - FY 1997 REQUEST	75,394	

**DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1997**

APPROPRIATION

MILITARY CONSTRUCTION , AIR NATIONAL GUARD

SECTION 1

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air National Guard, and contribution there for, as authorized by Chapter 133 of Title 10, United States Code, and military construction authorization Acts, \$75,394,000 (\$171,272,000) to remain available until September 30, 2001 (September 30, 2000)

() Individual FY 96 Appropriation Language

SPECIAL PROGRAM CONSIDERATIONS

Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

Energy Conservation

Military construction projects specifically for energy conservation at installations have been developed, reviewed, and selected with prioritization by energy savings versus investment cost. Projects include improvements to existing facilities and utility systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

Flood Plain Management and Wet Land Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned to allow the proposed management of flood plains and the protection of wet lands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wet lands. Project planning is in accordance with the requirements of Executive Order Numbers. 11988 and 11900.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-400, provisions for physically handicapped personnel will be provide for, where appropriate, in the design of facilities included in this program.

Preservation of Historical Sites and Structures

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

Environmental Protection

In accordance with Section 102(2) (c) of the Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Actual economic analysis have been or will be prepared for all projects over \$2,000,000.

SPECIAL PROGRAM CONSIDERATIONS

(continued)

Reserve Manpower Potential

The reserve manpower potential to meet and maintain authorized strengths of all reserve flying/non-flying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other Services having reserve flying/non-flying units in these areas, that the number of units of the reserve components of the Armed Forces presently located in those areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorized strength considering the number of persons living in the areas who are qualified for membership in those reserve units.

Potential Use of Vacant Schools and Other State and Local Facilities

The potential use of vacant schools and other state and local owned facilities has been reviewed and analyzed for each facility to be constructed under this program.

Construction Criteria Manual

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facility Planning and Design Guide."

Mil. Con., Air National Guard
Program and Financing (in Thousands of dollars) SUMMARY

Identification code	57-3830-0-1-051	Budget plan (amounts for MILITARY CONSTRUCTION actions programmed)				Obligations	
		1995 actual	1996 est.	1997 est.	1995 actual	1996 est.	1997 est.
Program by activities:							
Direct program:							
00.0101	Major construction	229,768	160,367	63,569	250,370	147,081	117,164
00.0201	Minor construction	4,000	4,455	4,100	4,432	3,273	3,665
00.0301	Planning	14,823	6,450	7,725	14,145	10,358	7,667
00.9101	Total direct program	248,591	171,272	75,394	268,947	160,712	128,496
10.0001	Total	248,591	171,272	75,394	268,947	160,712	128,496
Financing:							
Unobligated balance available, start of year:							
21.4002	For completion of prior year budget plans						
21.4003	Available to finance new budget plans		-6,700		-237,634	-210,520	-221,080
21.4009	Reprogramming from/to prior year budget plan	-6,757					
Unobligated balance available, end of year:							
24.4002	For completion of prior year budget plans	6,700			210,520	221,080	167,978
24.4003	Available to finance subsequent year budget	57			6,700		
25.0001	Unobligated balance expiring				57		
39.0001	Budget authority	248,591	164,572	75,394	248,591	164,572	75,394
Budget authority:							
40.0001	Appropriation	248,591	171,272	75,394	248,591	171,272	75,394
40.3601	Appropriation rescinded (unob bal)		-6,700			-6,700	
43.0001	Appropriation (adjusted)	248,591	164,572	75,394	248,591	164,572	75,394
Relation of obligations to outlays:							
71.0001	Obligations incurred				268,947	160,712	128,496
72.4001	Obligated balance, start of year				228,299	264,824	159,852
74.4001	Obligated balance, end of year				-264,824	-158,852	-84,283
77.0001	Adjustments in expired accounts (net)				291		
90.0001	Outlays (net)				232,713	266,684	203,065

Mil. Con., Air National Guard
Object Classification (in thousands of dollars) SUMMARY

Identification code	57-3830-0-1-051	1995 actual	1996 est.	1997 est.

Direct obligations:				
132.001 Land and structures		264,133	149,962	119,446
		-----	-----	-----
199.001 Total Direct obligations		264,133	149,962	119,446

Allocation Accounts				
332.001 Land and structures		4,814	10,750	9,050
		-----	-----	-----
399.001 Total Allocation Accounts		4,814	10,750	9,050

999.901 Total obligations		268,947	160,712	128,496

Obligations are distributed as follows:				
Defense-Military:Army		1,404	1,427	388
Defense-Military:Navy		3,410	9,323	8,662
Defense-Military:Air Force		264,133	149,962	119,446
		-----	-----	-----
Total Obligations		268,947	160,712	128,496

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE	
3. INSTALLATION AND LOCATION JACKSONVILLE INTERNATIONAL AIRPORT (ANG), FLORIDA			4. AREA CONSTR COST INDEX 0.91	
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 annual field training days per year. Daily use of technician force.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Army National Guard Armory				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997				
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u>
821-116	UPGRADE HEATING PLANTS AND CHILLERS	LS	680	OCT 93 JUN 95
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved				
				19 JUL 95 (Date)
9. LAND ACQUISITION REQUIRED		None		
			(Number of Acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	
171-450	ADD TO AND ALTER MEDICAL TRAINING FACILITY	9,800 SF	1,100	
211-179	ADD TO AND ALTER FUEL CELL AND CORROSION CONTROL FACILITY	11,000 SF	1,900	
219-944	ADD TO AND ALTER BASE CIVIL ENGINEER MAINTENANCE SHOP	19,250 SF	1,650	
832-266	UPGRADE SANITARY SEWER SYSTEM	LS	420	

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE
3. INSTALLATION AND LOCATION JACKSONVILLE INTERNATIONAL AIRPORT (ANG), FLORIDA					
11. PERSONNEL STRENGTH AS OF 31 JUL 95					
	<u>PERMANENT</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>				<u>GUARD/RESERVE</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	366	34	329	3	1,057 98 959
ACTUAL	307	26	279	2	988 96 892
12. RESERVE UNIT DATA					
<u>UNIT DESIGNATION</u>		<u>STRENGTH</u>			
		<u>AUTHORIZED</u>	<u>ACTUAL</u>		
125	FG	47	54		
159	FS	34	39		
125	MNT SQ	200	344		
125	MSF	34	34		
125	MED SQ	52	51		
125	CES	140	105		
125	SPS	85	79		
125	LOG SQ	112	106		
125	COM FL	47	41		
125	SVF	30	28		
125	OPS GP	3	2		
125	LOG GP	20	14		
125	SPT GP	5	3		
125	OSF	25	22		
8125	STU FT	0	25		
125	FGDET1	40	32		
125	ACM SQ	151	8		
125	LGSPFT	32	1		
TOTALS		1,057	988		
13. MAJOR EQUIPMENT AND AIRCRAFT					
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>			
F-15 A/B Aircraft	15	19			
C-26 Aircraft	1	1			
Support Equipment	93	93			
Vehicle Equivalents	191	210			

1. COMPONENT ANG		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION JACKSONVILLE INTERNATIONAL AIRPORT ANG FLORIDA			4. PROJECT TITLE UPGRADE HEATING PLANTS AND CHILLERS		
5. PROGRAM ELEMENT 55256F	6. CATEGORY CODE 821-116	7. PROJECT NUMBER LSGA939634	8. PROJECT COST(\$000) \$680		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE HEATING PLANTS AND CHILLERS		LS			515
SUPPORTING FACILITIES					100
UTILITIES		LS			(25)
PAVEMENTS		LS			(35)
SITE IMPROVEMENTS		LS			(5)
ASBESTOS REMOVAL		LS			(35)
SUBTOTAL					615
CONTINGENCY (5%)					31
TOTAL CONTRACT COST					646
SUPERVISION, INSPECTION AND OVERHEAD (5%)					32
TOTAL REQUEST					678
TOTAL REQUEST (ROUNDED)					680
10. Description of Proposed Construction: Remove and dispose of two 3,500 MBH oil-fired boilers and two 175-ton chillers. Replace with individual heating and cooling units at grouped buildings. Upgrade duct work and controls. Remove asbestos insulation.					
11. REQUIREMENT: As required. PROJECT: Upgrade Heating Plants and Chillers (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by the Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards; 40 CFR 61, National Emission Standards for Hazardous Air Pollutants; and 40 CFR 82, Protection of Stratospheric Ozone. The base requires properly sized and efficient heating and cooling systems which meet applicable air quality emission standards. This project will replace the central heat plant by constructing packaged heating/air conditioning units grouped for efficiency and economical operation. CURRENT SITUATION: The boilers and chillers serve eight buildings by underground steam/hot water lines and cooling lines. The boilers do not meet federal air quality emission standards. The systems are old and unreliable and controls are antiquated. The boiler insulation contains friable asbestos. The chillers are over 20 years old and use refrigerant R-113 which is being phased out and is no longer manufactured. Spare parts are no longer available and maintenance is ineffective. There is heat loss in the lines. A new heating system will reduce CO and NO2 emissions by eight tons per year and will reduce energy costs 19 percent. This will help meet federal, state and local clean air regulations. The base is in a transitional non-attainment area for ozone. IMPACT IF NOT PROVIDED: Unable to achieve federal air quality emission					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION		
JACKSONVILLE INTERNATIONAL AIRPORT ANG FLORIDA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE HEATING PLANTS AND CHILLERS	LSGA939634	
<p>standards. Energy inefficient and old system would continue to generate high operating and maintenance costs. Chillers will become inoperable when current supply of environmentally restricted refrigerant is exhausted.</p>		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
JACKSONVILLE INTERNATIONAL AIRPORT ANG FLORIDA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE HEATING PLANTS AND CHILLERS	LSGA939634	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	93 OCT 22	
(b) Percent Complete as of Jan 96	100%	
(c) Date 35% Designed	94 DEC 10	
(d) Date Design Complete	95 JUN 01	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	(\$000)	
(a) Production of Plans and Specifications	30	
(b) All Other Design Costs	20	
(c) Total	50	
(d) Contract	50	
(e) In-house		
(4) Construction Start	97 MAY	
b. Equipment associated with this project will be provided from other appropriations: N/A		
Mr. Lee Anderson (301) 836-8080		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE	
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA			4. AREA CONSTR COST INDEX 0.96	
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and training.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Air Force Reserve Facility, 2 Army National Guard Armories, 1 Army Reserve Facility, 1 Navy/Marine Reserve Facility				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997				
CATEGORY			COST	DESIGN STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START CMPL
113-321	B-1 AIRCRAFT PARKING APRON AND RELOCATE TAXIWAY	83,400 SM	8,800	SEP 95 AUG 96
211-152	B-1 COMPOSITE AIRCRAFT MAINTENANCE COMPLEX	7,138 SM	12,400	JUL 95 AUG 96
218-712	B-1 AGE AND MUNITIONS TRAILER MAINTENANCE COMPLEX	2,100 SM	2,800	SEP 95 AUG 96
932-000	B-1 SITE IMPROVEMENTS, ROADS AND UTILITIES	LS	5,500	FEB 95 MAY 96
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved				
				1 DEC 93 (Date)
9. LAND ACQUISITION REQUIRED		None		
			(Number of Acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY			COST	
CODE	PROJECT TITLE	SCOPE	(\$000)	
116-665	B-1 POWER CHECK PAD WITH SOUND SUPPRESSOR	LS	1,000	
141-753	B-1 COMPOSITE SQUADRON OPERATIONS COMPLEX	35,600 SF	5,300	
171-445	B-1 OPERATIONS AND TRAINING FACILITY	30,300 SF	4,800	
171-875	B 1 LOAD CREW TRAINING COMPLEX	22,000 SF	2,800	
211-154	B-1 AIRCRAFT ORGANIZATIONAL	LS	520	

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE		
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA							
11. PERSONNEL STRENGTH AS OF 18 AUG 94							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	359	24	334	1	1,096	105	991
ACTUAL	320	22	297	1	1,070	103	967
12. RESERVE UNIT DATA							
					<u>STRENGTH</u>		
<u>UNIT DESIGNATION</u>					<u>AUTHORIZED</u>	<u>ACTUAL</u>	
116	CES				110	103	
116	CAM SQ				460	438	
116	COMMFT				35	46	
116	MSF				35	34	
116	RM SQ				107	109	
116	FW				57	58	
116	HOSPT				51	49	
116	SPS				57	57	
128	FS				44	38	
530	AFBAND				36	35	
116	SVS				34	29	
116	OPS GP				8	8	
116	OSF				30	30	
116	LGS GP				27	32	
116	SPT GP				5	4	
TOTALS					1,096	1,070	
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>					<u>AUTHORIZED</u>	<u>ASSIGNED</u>	
B-1 Aircraft					8	2	
Support Equipment					289	255	
Vehicle Equivalents					227	229	

1. COMPONENT		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
ANG					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
ROBINS AIR FORCE BASE GEORGIA			B-1 AIRCRAFT PARKING APRON AND RELOCATE TAXIWAY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
51628F	113-321	UHHZ959701	\$8,800		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
B-1 AIRCRAFT PARKING APRON AND RELOCATE TAXIWAY	SM	83,400		7,631	
PARKING APRON	SM	62,500	94	(5,875)	
RELOCATE TAXIWAY	SM	20,900	84	(1,756)	
SUPPORTING FACILITIES				395	
ACCESS ROADS	LS			(45)	
SITE IMPROVEMENTS	LS			(50)	
DRAINAGE STRUCTURES	LS			(50)	
RAMP LIGHTING	LS			(250)	
SUBTOTAL				8,026	
CONTINGENCY (5%)				401	
TOTAL CONTRACT COST				8,427	
SUPERVISION, INSPECTION AND OVERHEAD (5%)				421	
TOTAL REQUEST				8,848	
TOTAL REQUEST (ROUNDED)				8,800	
10. Description of Proposed Construction: Reinforced concrete slabs with provision for the aircraft support system and hydrant refueling system on the ramp. Provide ramp lighting and taxiway edge lighting. Remove old taxiway rubble. Reinforced concrete taxiway slabs. Relocate and extend utilities. Site improvements, drainage and support.					
11. REQUIREMENT: 83,000 SM ADEQUATE: 0 SUBSTANDARD: 0 PROJECT: B-1 Aircraft Parking Apron and Relocate Taxiway (New Mission). REQUIREMENT: The 116th Fighter Wing at Dobbins AFB is moving to Robins AFB and converting from F-15 fighter aircraft to B-1 bomber aircraft in 1996. The base needs an adequately sized and properly configured apron for parking and maintenance and a taxiway strong enough to support the load and allow the aircraft to taxi to both ends of the runway. CURRENT SITUATION: A site survey conducted jointly by representatives from the Air National Guard, Air Combat Command, Air Force Material Command and HQ USAF ascertained there are no permanent facilities available at Robins AFB to house the the B-1 aircraft. All permanent facilities at Robins AFB are being used to full capacity to support the numerous base missions. In the interim, the aircraft are parked in the old SAC alert apron. However, this apron is too small and is needed for munition storage and to load munitions on the aircraft. The base has made available an area where ANG can build the facilities. Until the ramp is constructed, the ANG will be using high risk workarounds for parking and maintaining the aircraft. The existing taxiway is not strong enough to support the B-1 aircraft, which is one of the heaviest weapon system in the inventory. The taxiway is also in the way of the parking apron and must be relocated. This taxiway is vital to the aircraft movements on the west side of the base and as access to the Hot Cargo Apron. Various Site					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
B-1 AIRCRAFT PARKING APRON AND RELOCATE TAXIWAY	UHHZ959701	
<p>Activation Task force teams have declared the facility portion of the beddown as unsatisfactory pending the completion of these and numerous other facilities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Unable to properly park and maneuver the aircraft. Unable to reach the ends of the runway. The aircraft are parked over two miles from the hangar and other maintenance facilities. Unable to construct the munition maintenance and storage facilities. Aircraft and personnel will have to be flown to other bases for munition training and aircraft loading. Higher operating costs. Readiness and capability severely degraded.</p> <p><u>ADDITIONAL:</u> All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p>		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
B-1 AIRCRAFT PARKING APRON AND RELOCATE TAXIWAY	UHHZ959701	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	95 SEP 01	
(b) Percent Complete as of Jan 96	40%	
(c) Date 35% Designed	96 FEB 01	
(d) Date Design Complete	96 AUG 31	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	(\$000)	
(a) Production of Plans and Specifications	440	
(b) All Other Design Costs	210	
(c) Total	650	
(d) Contract	650	
(e) In-house		
(4) Construction Start	97 MAY	
b. Equipment associated with this project will be provided from other appropriations: N/A		
Mr. Steve Rider (301) 836-8083		

1. COMPONENT		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
ANG					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
ROBINS AIR FORCE BASE GEORGIA			B-1 COMPOSITE AIRCRAFT MAINTENANCE COMPLEX		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
51628F	211-152	UHHZ939789	\$12,400		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
COMPOSITE AIRCRAFT MAINTENANCE COMPLEX	SM	7,138		9,609	
GENERAL PURPOSE MAINTENANCE SHOPS	SM	2,000	1,250	(2,500)	
FUEL SYSTEMS MAINTENANCE HANGAR	SM	2,150	1,400	(3,010)	
CORROSION CONTROL HANGAR	SM	2,150	1,400	(3,010)	
FUEL SYSTEMS/CORROSION CONTROL SHOPS	SM	550	1,300	(715)	
SURVIVAL EQUIPMENT SHOP	SM	288	1,300	(374)	
SUPPORTING FACILITIES				1,700	
UTILITIES/FIRE SUPPRESSION	LS			(1,000)	
SITE IMPROVEMENTS	LS			(100)	
PAVEMENTS	LS			(600)	
SUBTOTAL				11,309	
CONTINGENCY (5%)				565	
TOTAL CONTRACT COST				11,874	
SUPERVISION, INSPECTION AND OVERHEAD (5%)				594	
TOTAL REQUEST				12,468	
TOTAL REQUEST (ROUNDED)				12,400	
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Steel framed insulated panels walls, interior masonry walls and roof structure. Provide interior utilities. Provide exterior utilities, site improvements, access pavements, fire suppression, and support. Air Conditioning: 100 Tons.					
11. REQUIREMENT: 7,138 SM ADEQUATE: 0 SUBSTANDARD: 0 PROJECT: B-1 Composite Aircraft Maintenance Complex (New Mission). REQUIREMENT: The 116th Fighter Wing at Dobbins AFB is moving to Robins AFB and converting from F-15 fighter aircraft to B-1 bomber aircraft in 1996. The base needs a complex for corrosion control, fuel cell inspection, aircraft maintenance and repair shops for the B-1 aircraft. This project is in the 3rd phase of a program to provide permanent facilities for these aircraft. CURRENT SITUATION: A site survey conducted jointly by representatives from the Air National Guard, Air Combat Command, Air Force Material Command and HQ USAF ascertained there are no permanent facilities available at Robins AFB to house the the B-1 aircraft maintenance functions. All permanent facilities at Robins AFB are being used to full capacity to support the numerous base missions. The base has made available an area where the ANG can build the permanent facilities. Until they are constructed, the ANG is using high risk workarounds to park and maintain the aircraft. The majority of the maintenance is done on the ramp, weather permitting. For covered maintenance area, the ANG shares the facilities, on a space available basis, with the other base users such as the C-141 depot mission and the KC-135 aircraft. The shops are also being shared. However, they are not properly sized or configured for B-1					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
B-1 COMPOSITE AIRCRAFT MAINTENANCE COMPLEX	UHHZ939789	
<p>and are scattered among other shops and functions on base. Critical maintenance is done at other Air Force or ANG B-1 bases. Other critical maintenance tasks are delayed. Command and control and quality assurance for aircraft maintenance does not exist. Inclement weather reduces the work that can be performed on the ramp. The safety of the maintenance work force is compromised. The accumulated maintenance deficiencies can ground the aircraft and the crews cannot train. Various Site Activation Task Force teams have declared the facility portion of the beddown as unsatisfactory until these and other facilities are completed.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Unable to accomplish maintenance properly. Unable to reach full operational capability. Training opportunities are lost. Maintenance of engines and other aircraft components and systems are done on the ramp using high risk workarounds. Aircraft and personnel will have to be flown to other bases for some of the maintenance. Higher operating costs. Aircraft could be grounded and readiness and capability severely degraded.</p> <p><u>ADDITIONAL:</u> All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p>		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
B-1 COMPOSITE AIRCRAFT MAINTENANCE COMPLEX	UHHZ939789	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		95 JUL 01
(b) Percent Complete as of Jan 96		40%
(c) Date 35% Designed		95 DEC 15
(d) Date Design Complete		96 AUG 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		730
(b) All Other Design Costs		292
(c) Total		1022
(d) Contract		1022
(e) In-house		
(4) Construction Start		97 MAY
b. Equipment associated with this project will be provided from other appropriations: N/A		
Mr. Steve Rider (301) 836-8083		

1. COMPONENT		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
ANG					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
ROBINS AIR FORCE BASE GEORGIA			B-1 AGE AND MUNITIONS TRAILER MAINTENANCE COMPLEX		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
51628F	218-712	UHHZ959519	\$2,800		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
B-1 AGE AND MUNITIONS TRAILER MAINTENANCE COMPLEX		SM	2,100		1,759
AGE SHOPS MAINTENANCE AND STORAGE		SM	950	810	(770)
MUNITIONS TRAILER MAINTENANCE/STORAGE		SM	1,150	860	(989)
SUPPORTING FACILITIES					775
UTILITIES		LS			(230)
PAVEMENTS		LS			(310)
SITE IMPROVEMENTS		LS			(115)
SECURITY FENCING		LS			(120)
SUBTOTAL					2,534
CONTINGENCY (5%)					127
TOTAL CONTRACT COST					2,661
SUPERVISION, INSPECTION AND OVERHEAD (5%)					133
TOTAL REQUEST					2,794
TOTAL REQUEST (ROUNDED)					2,800
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel framed masonry walls and roof structure. Interior and exterior utilities; access pavement, fire protection and support. <u>Air Conditioning: 10 Tons.</u>					
11. REQUIREMENT: 6,000 SM ADEQUATE: 0 SUBSTANDARD: 0 <u>PROJECT:</u> B-1 AGE and Munitions Trailer Maintenance Complex (New Mission). <u>REQUIREMENT:</u> The 116th Fighter Wing at Dobbins AFB is moving to Robins AFB and converting from F-15 fighter aircraft to B-1 bomber aircraft in 1996. The base requires a properly sited, sized and configured complex for the B-1 aircraft support ground equipment and the trailers that carry munitions from the storage igloos to the aircraft. Functional areas include maintenance bays, equipment storage, tool room, locker rooms, classrooms, and administrative areas. <u>CURRENT SITUATION:</u> A site survey conducted jointly by representatives from the Air National Guard, Air Combat Command, Air Force Material Command and HQ USAF, ascertained there are no facilities available on the base that can be used for the munitions maintenance and AGE equipment storage. The B-1 aircraft has large numbers of support equipment that require maintenance and storage areas. The base has an area with sufficient quantity distance that meets all criteria and would allow construction of the complex. Until this project is completed the ANG will be using temporary leased trailers. The temporary age facility has been made available by the base. The space, however, is away from the aircraft parking and less than one third of the authorized space. The majority of the maintenance work is done outside, weather permitting. The equipment is also stored outside. <u>IMPACT IF NOT PROVIDED:</u> The ANG will be unable to accomplish proper					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
B-1 AGE AND MUNITIONS TRAILER MAINTENANCE COMPLEX	UHHZ959519	
<p>munitions training maintenance and handling. The AGE equipment receives improper maintenance. Outside storage accelerates the rusting, corrosion and deterioration. Unable to reach full operational capability. Higher operating costs. Lack of adequate area directly impact unit's capability to support the mission. Degraded readiness.</p> <p><u>ADDITIONAL</u>: All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p>		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
B-1 AGE AND MUNITIONS TRAILER MAINTENANCE COMPLEX	UHHZ959519	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	95 SEP 01	
(b) Percent Complete as of Jan 96	40%	
(c) Date 35% Designed	96 FEB 01	
(d) Date Design Complete	96 AUG 15	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	(\$000)	
(a) Production of Plans and Specifications	135	
(b) All Other Design Costs	70	
(c) Total	205	
(d) Contract	205	
(e) In-house		
(4) Construction Start	97 JUN	
b. Equipment associated with this project will be provided from other appropriations: N/A		
Mr. Steve Rider (301) 836-8083		

1. COMPONENT		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
ANG					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
ROBINS AIR FORCE BASE GEORGIA			B-1 SITE IMPROVEMENTS, ROADS AND UTILITIES		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
51628F	932-000	UHHZ949508	\$5,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
B-1 SITE IMPROVEMENTS/ROADS/UTILITIES		LS			4,620
UTILITIES		LS			(1,740)
DRAINAGE STRUCTURES		LS			(1,350)
ROADS AND PARKING		LS			(1,530)
SUPPORTING FACILITIES					385
SITE IMPROVEMENTS		LS			(385)
SUBTOTAL					5,005
CONTINGENCY (5%)					250
TOTAL CONTRACT COST					5,255
SUPERVISION, INSPECTION AND OVERHEAD (5%)					263
TOTAL REQUEST					5,518
TOTAL REQUEST (ROUNDED)					5,500
10. Description of Proposed Construction: Paved road network, parking lots, major drainage structures and the underground utilities network. Tie the ANG area to the base utility network. Includes: gas, electric, water, storm and sanitary systems, communications, airfield drainage, industrial waste water pond, security fencing and minimal landscaping.					
11. REQUIREMENT: As required. <u>PROJECT:</u> B-1 Site Improvements, Roads and Utilities (New Mission). <u>REQUIREMENT:</u> The 116th Fighter Wing at Dobbins AFB is moving to Robins AFB and converting from F-15 fighter aircraft to B-1 bomber aircraft in 1996. The base requires properly sited and adequately configured facilities for the beddown of the B-1 aircraft which is one of the heaviest and noisiest in the Air Force aircraft inventory. <u>CURRENT SITUATION:</u> A site survey conducted jointly by representatives from the Air National Guard, Air Combat Command, Air Force Material Command and HQ USAF have ascertained there are no permanent facilities available at Robins to beddown the B-1 aircraft. The base has an open area that can be used for construction. It is located to the west of the existing base on semi-developed land. A major open drainage system crosses the property. The utilities do not exist in the area. All utilities and a road network must be extended to the area. The drainage must be rerouted. Ramp runoff must be captured, treated and disposed in an environmentally safe manner. Fuel spill containment measures must be constructed. The security fencing is needed to separate the flightline area from the rest of the base. Communications systems do not exist and must be constructed or extended from the base network. The central parking lots for parking up to 800 private owned vehicles, for UTA training, are not available and must be constructed. The area must be					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
B-1 SITE IMPROVEMENTS, ROADS AND UTILITIES	UHHZ949508	
<p>screened off from the nearby public roads for the noise and security.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Unable to beddown and properly maintain the B-1 aircraft resulting in a loss of training opportunities for over 1,400 personnel. Also unable to construct and utilize the required facilities for the unit to reach full operational capability resulting in a unsatisfactory rating for the mission beddown.</p> <p><u>ADDITIONAL:</u> All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p>		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
ANG			
3. INSTALLATION AND LOCATION			
ROBINS AIR FORCE BASE GEORGIA			
4. PROJECT TITLE		5. PROJECT NUMBER	
B-1 SITE IMPROVEMENTS, ROADS AND UTILITIES		UHHZ949508	
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started		95 FEB 23	
(b) Percent Complete as of Jan 96		70%	
(c) Date 35% Designed		95 OCT 15	
(d) Date Design Complete		96 MAY 01	
(2) Basis:			
(a) Standard or Definitive Design -		NO	
(b) Where Design Was Most Recently Used -		N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)	
(a) Production of Plans and Specifications		102	
(b) All Other Design Costs		52	
(c) Total		154	
(d) Contract		154	
(e) In-house			
(4) Construction Start		97 JUN	
b. Equipment associated with this project will be provided from other appropriations: N/A			
Mr. Steve Rider (301) 836-8083			

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE	
3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HAWAII			4. AREA CONSTR COST INDEX 1.64	
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force for training.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 2 Army Installations, 1 Army Facility, 1 Air Force Base, 1 Air National Guard Unit, 2 Naval Installations, 1 Marine Corps Reserve Center, 4 Army National Guard Installations				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997				
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS START CMPL
217-712	ALTER AVIONICS SHOP	465 SM	1,000	OCT 94 MAY 96
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved				
				21 SEP 94 (Date)
9. LAND ACQUISITION REQUIRED		None		
			(Number of Acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	
141-753	ALTER SQUADRON OPERATIONS FACILITY	45,600 SF	9,000	
219-944	BASE CIVIL ENGINEER MAINTENANCE COMPLEX	19,700 SF	4,100	

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE	
3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HAWAII						
11. PERSONNEL STRENGTH AS OF 18 AUG 95						
	PERMANENT				GUARD/RESERVE	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	866	21	128	717	2,611	303 2,308
ACTUAL	778	21	125	632	2,323	253 2,070
12. RESERVE UNIT DATA						
<u>UNIT DESIGNATION</u>		<u>STRENGTH</u>				
		<u>AUTHORIZED</u>	<u>ACTUAL</u>			
HQ	HI ANG	31	28			
199	WF	14	13			
154	GP	150	136			
154	AGS	303	269			
154	LG	31	38			
154	LS	120	114			
154	LSF	50	36			
154	MXS	401	343			
154	OG	10	8			
154	ACWS	74	51			
154	ACS	121	105			
154	OSF	39	34			
169	ACWS	204	179			
199	FS	41	37			
203	ARS	65	64			
204	AS	46	49			
154	SPTG	5	6			
154	CF	35	34			
154	CES	110	97			
154	MSF	36	32			
154	SPS	41	43			
154	SVF	34	35			
201	CCGP	57	48			
291	CBCS	161	147			
TOTALS		2,179	1,946			
13. MAJOR EQUIPMENT AND AIRCRAFT						
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>				
F-15C AIRCRAFT	15	20				
C-130H AIRCRAFT	4	4				
KC-135R AIRCRAFT	8	9				
Support Equipment	361	361				
Vehicle Equivalents	478	478				

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
ANG				
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
HICKAM AIR FORCE BASE HAWAII		ALTER AVIONICS SHOP		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)	
51411F	217-712	KNMD949763	\$1,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ALTER AVIONICS SHOP	SM	465	1,830	851
SUPPORTING FACILITIES				65
UTILITIES	LS			(65)
SUBTOTAL				916
CONTINGENCY (5%)				46
TOTAL CONTRACT COST				962
SUPERVISION, INSPECTION AND OVERHEAD (5%)				48
TOTAL REQUEST				1,010
TOTAL REQUEST (ROUNDED)				1,000
10. Description of Proposed Construction: Concrete block two story building inside existing hangar with mechanical, electrical, fire detection system, and utilities. Air Conditioning: 25 Tons.				
11. REQUIREMENT: 948 SM ADEQUATE: 483 SM SUBSTANDARD: 232 SM PROJECT: Alter Avionics Shop (New Mission). <u>REQUIREMENT:</u> The base requires a sufficiently sized, temperature controlled avionics and electronic countermeasures (ECM) shop to perform inspection, repair, maintenance, and calibration of electronic equipment on the ANG C-130 and KC-135 aircraft. This project will provide the necessary shop space in Hangar17, Building 2030. Functional areas include ECM shop, administrative offices, and training rooms. <u>CURRENT SITUATION:</u> The host has permitted the ANG only temporary use of the space (232 SM) in the central core office area of Building 2030 until ANG constructs an avionics/ECM shop. This shop is too small and does not have proper electrical and mechanical systems to provide an acceptable facility for avionics and ECM equipment maintenance. Maintenance of avionics and ECM equipment requires a clean, dust free environment with controlled temperature and humidity for acceptable and certifiable service. <u>IMPACT IF NOT PROVIDED:</u> Degraded training. Costly repairs and utility services to existing building. High risk of not meeting Air Force technical standards for calibration of sensitive electronic equipment that provides guidance and control to high value aircraft. Loss of space due to other host missions planned for the existing area.				

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
HICKAM AIR FORCE BASE HAWAII		
4. PROJECT TITLE	5. PROJECT NUMBER	
ALTER AVIONICS SHOP	KNMD949763	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	94 OCT 26	
(b) Percent Complete as of Jan 96	70%	
(c) Date 35% Designed	95 JUL 18	
(d) Date Design Complete	96 MAY 15	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications	50	
(b) All Other Design Costs	22	
(c) Total	72	
(d) Contract	72	
(e) In-house		
(4) Construction Start	97 MAY	
b. Equipment associated with this project will be provided from other appropriations: N/A		
Mr. Lee Anderson (301) 836-8080		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE	
3. INSTALLATION AND LOCATION BOISE AIR TERMINAL (GOWEN FIELD) IDAHO			4. AREA CONSTR COST INDEX 1.19	
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Army National Guard Facility, 1 Army Reserve Facility, 1 U. S. Army Signal Detachment, 1 Army Research Institute and 1 Navy/Marine Corp Reserve				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997				
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS START CMPL
211-179	FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY	2,350 SM	4,500	APR 94 NOV 95
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved				
			17 MAY 95 (Date)	
9. LAND ACQUISITION REQUIRED		None		
		(Number of Acres)		
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	
116-661	EXPAND ARM AND DISARM APRON	8,000 SY	1,000	
141-753	C-130 COMPOSITE SQUADRON OPERATIONS FACILITY	26,200 SF	3,900	
171-873	C-130 AERIAL PORT TRAINING FACILITY	14,200 SF	2,000	
211-111	C-130 COMPOSITE HANGAR AND MAINTENANCE SHOPS	73,700 SF	12,000	
211-157	C-130 ENGINE AND PROPELLER SHOPS	9,000 SF	1,300	
211-179	UPGRADE A-10 FUEL CELL AND CORROSION CONTROL HANGAR/SHOPS	30,400 SF	1,300	
216-642	UPGRADE AND EXPAND MUNITIONS	6,100 SF	1,300	

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE		
3. INSTALLATION AND LOCATION BOISE AIR TERMINAL (GOWEN FIELD) IDAHO							
11. PERSONNEL STRENGTH AS OF 14 AUG 95							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	657	73	497	87	1,274	155	1,119
ACTUAL	585	65	447	73	1,168	150	1,018
12. RESERVE UNIT DATA							
				<u>STRENGTH</u>			
<u>UNIT DESIGNATION</u>				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
HQ	STATE			29	27		
124	SVF			30	22		
124	OPS GP			5	5		
124	LOG GP			19	18		
124	SPT GP			5	4		
124	OSF			38	38		
124	MSF			34	30		
124	MNT SQ			259	242		
124	FLT GP			54	43		
124	MED SQ			53	50		
190	FLT SQ			46	47		
124	CES			137	127		
124	SPS			57	55		
124	LOG SQ			111	103		
189	FT FLT			181	144		
124	COM FL			47	45		
8124	ST FLT			7	24		
124	ACFTSQ			146	131		
124	LGSPSQ			16	13		
TOTALS				1,274	1,168		
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ASSIGNED</u>		
F-4G				27	27		
C-26 Aircraft				1	1		
A-10				17	0		
C-130				4	0		
Support Equipment				238	227		
Vehicle Equivalents				289	337		

1. COMPONENT		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
ANG					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
BOISE AIR TERMINAL (GOWEN FIELD) IDAHO			FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
54332F	211-179	BXRH959688	\$4,500		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
FUEL SYSTEMS/CORROSION CONTROL FACILITY	SM	2,350		3,360	
FUEL SYSTEMS MAINTENANCE DOCK	SM	1,900	1,450	(2,755)	
FUEL SYSTEMS MAINTENANCE SHOP	SM	160	1,350	(216)	
CORROSION CONTROL SHOP	SM	140	1,340	(188)	
PLASTIC MEDIA STRIPPING AREA	SM	150	1,340	(201)	
SUPPORTING FACILITIES				700	
UTILITIES	LS			(150)	
PAVEMENTS	LS			(200)	
SITE IMPROVEMENTS	LS			(50)	
FIRE PROTECTION	LS			(300)	
SUBTOTAL				4,060	
CONTINGENCY (5%)				203	
TOTAL CONTRACT COST				4,263	
SUPERVISION, INSPECTION AND OVERHEAD (5%)				213	
TOTAL REQUEST				4,476	
TOTAL REQUEST (ROUNDED)				4,500	
10. Description of Proposed Construction: Concrete floor slab, foundations, footings, structural steel framing, masonry walls and built-up roof. Mechanical ventilation system, drainage with oil/water separator, fire suppression, personnel breathing apparatus and all utilities and support. Air Conditioning: 10 Tons.					
11. REQUIREMENT: 2,350 SM ADEQUATE: 0 SUBSTANDARD: 1,354 SM PROJECT: Fuel Systems Maintenance and Corrosion Control Facility (New Mission). REQUIREMENT: This project supports the conversion from 30 F-4G to 17 A-10 and 4 C-130 aircraft. The base needs a facility for the repair of the aircraft fuel cells and bladders and space for the performance of corrosion control, washing, and spot painting of parts. Functional areas include fuel cell hangar bay, bladder repair and support shops with approach aprons to the hangar. Work must be performed indoors to keep dust and debris from entering the fuel cell bladders and to meet safety and environmental requirements. CURRENT SITUATION: The F-4G fuel cell and corrosion control facilities cannot be used by the much larger A-10 and C-130 aircraft. The unit does not have any other facility to house these functions. Weather conditions and environmental regulations require that fuel cell maintenance be performed indoors since the aircraft fuel bladders and cells must remain open. This is in accordance with the Technical Order. Until this project is completed, the work will be done on the ramp or the aircraft flown to another base. IMPACT IF NOT PROVIDED: Fuel system maintenance and corrosion control will have to be performed on the ramp in an unsafe manner and in violation					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
BOISE AIR TERMINAL (GOWEN FIELD) IDAHO		
4. PROJECT TITLE	5. PROJECT NUMBER	
FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY	BXRH959688	
<p>of Technical Orders. Lost training opportunities. Compliance with environmental regulations cannot be met without this facility. Unable to reach full operational capability.</p> <p><u>ADDITIONAL:</u> All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p>		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
BOISE AIR TERMINAL (GOWEN FIELD) IDAHO		
4. PROJECT TITLE	5. PROJECT NUMBER	
FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY	BXRH959688	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		94 APR 29
(b) Percent Complete as of Jan 96		100%
(c) Date 35% Designed		95 MAR 01
(d) Date Design Complete		95 NOV 01
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		200
(b) All Other Design Costs		85
(c) Total		285
(d) Contract		285
(e) In-house		
(4) Construction Start		97 AUG
b. Equipment associated with this project will be provided from other appropriations: N/A		
Mr. John Loehle (301) 836-8076		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE	
3. INSTALLATION AND LOCATION GREATER PEORIA REGIONAL AIRPORT ANG ILLINOIS			4. AREA CONSTR COST INDEX 1.14	
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual training per year, daily use by technician/AGR force.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Army National Guard Armory, 1 Naval Reserve, 1 Marine Corps Reserve, 1 Army Reserve Center and 1 Coast Guard Reserve.				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997				
CATEGORY			COST	DESIGN STATUS
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u> <u>CMPL</u>
211-179	FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY	2,350 SM	4,200	APR 94 MAR 96
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved				
				15 MAR 95 (Date)
9. LAND ACQUISITION REQUIRED		None		
			(Number of Acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY			COST	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION					2. DATE		
3. INSTALLATION AND LOCATION GREATER PEORIA REGIONAL AIRPORT ANG ILLINOIS								
11. PERSONNEL STRENGTH AS OF 30 JUN 95								
	PERMANENT				GUARD/RESERVE			
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	
AUTHORIZED	279	11	53	215	1,133	160	973	
ACTUAL	263	10	52	201	1,081	125	956	
12. RESERVE UNIT DATA								
				<u>STRENGTH</u>				
<u>UNIT DESIGNATION</u>				<u>AUTHORIZED</u>	<u>ACTUAL</u>			
182	AS			95	78			
182	CES			134	120			
182	ASOC			117	105			
182	MXS			138	142			
182	CF			42	39			
182	MSF			33	33			
182	LS			110	101			
182	HQ AG			52	51			
182	MDS			67	63			
182	SPS			57	52			
182	SVS FT			30	28			
169	ACFP			79	61			
182	OG			6	4			
182	SG			5	4			
182	LG			9	8			
182	OSF			19	21			
8182	STU FT			0	52			
182	LSF			13	15			
182	AGS			62	60			
182	APF			65	44			
TOTALS				1,133	1,081			
13. MAJOR EQUIPMENT AND AIRCRAFT								
<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ASSIGNED</u>			
C-26A Aircraft				1	1			
C-130 Aircraft				8	8			
Support Equipment				70	65			
Vehicle Equivalents				555	773			

1. COMPONENT		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
ANG					
3. INSTALLATION AND LOCATION GREATER PEORIA REGIONAL AIRPORT ANG ILLINOIS			4. PROJECT TITLE FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
54332F	211-179	JLON939873	\$4,200		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
FUEL SYSTEMS/CORROSION CONTROL FACILITY	SM	2,350		3,325	
FUEL SYSTEMS MAINTENANCE HANGAR	SM	1,900	1,430	(2,717)	
FUEL SYSTEMS MAINTENANCE SHOP	SM	160	1,350	(216)	
CORROSION CONTROL SHOP	SM	140	1,350	(189)	
PLASTIC MEDIA STRIPPING AREA	SM	150	1,350	(203)	
SUPPORTING FACILITIES				490	
UTILITIES	LS			(100)	
PAVEMENTS	LS			(200)	
SITE IMPROVEMENTS	LS			(25)	
FIRE PROTECTION	LS			(165)	
SUBTOTAL				3,815	
CONTINGENCY (5%)				191	
TOTAL CONTRACT COST				4,006	
SUPERVISION, INSPECTION AND OVERHEAD (5%)				200	
TOTAL REQUEST				4,206	
TOTAL REQUEST (ROUNDED)				4,200	
10. Description of Proposed Construction: Concrete floor slab, foundations, footings, structural steel framing, masonry walls and built-up roof. Mechanical ventilation system, drainage with oil/water separator, fire suppression, personnel breathing apparatus and all utilities and support. Air Conditioning: 10 Tons.					
11. REQUIREMENT: 2,350 SM ADEQUATE: 0 SUBSTANDARD: 1,580 SM PROJECT: Fuel Systems Maintenance and Corrosion Control Facility (New Mission). REQUIREMENT: This project supports the conversion from 18 F-16 fighter aircraft to 8 C-130 cargo aircraft. The base needs a facility for the repair of aircraft fuel cells and bladders, and the performance of corrosion control, washing, and spot painting of parts. Functional areas include a fuel system maintenance dock, bladder repair and support shops, and approach aprons to the hangar. Work must be performed indoors to prevent dust and debris from entering the fuel cell bladders and to meet safety and environmental requirements. CURRENT SITUATION: The existing fighter-type fuel systems maintenance/corrosion control facility cannot be used by the much larger C-130 aircraft. The two bay facility has a load bearing wall between the bays which cannot be removed and prevents the C-130 from fitting into the fuel system maintenance dock. Also, space limitations preclude an extension to the front since it would not leave enough room for C-130 wing clearance between the maintenance hangar and the fuel system maintenance facility. The unit does not have any other facility to perform fuel system maintenance on C-130 aircraft. Weather conditions and environmental regulations require that fuel cell maintenance and corrosion					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
GREATER PEORIA REGIONAL AIRPORT ANG ILLINOIS		
4. PROJECT TITLE	5. PROJECT NUMBER	
FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY	JLON939873	
<p>control be performed indoors since the aircraft fuel bladders and cells must remain open for a considerable time. The existing fighter-type fuel system maintenance facility will be reused at minimal cost for aerial port training.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Fuel system maintenance and corrosion control will have to be performed on the ramp in an unsafe manner and in violation of Technical Orders. Lost training opportunities. Compliance with environmental regulations cannot be met without this facility. Unable to reach full operational capability.</p> <p><u>ADDITIONAL:</u> All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p>		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
GREATER PEORIA REGIONAL AIRPORT ANG ILLINOIS		
4. PROJECT TITLE	5. PROJECT NUMBER	
FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY	JLON939873	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	94 APR 29	
(b) Percent Complete as of Jan 96	70%	
(c) Date 35% Designed	95 SEP 30	
(d) Date Design Complete	96 MAR 31	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	(\$000)	
(a) Production of Plans and Specifications	200	
(b) All Other Design Costs	85	
(c) Total	285	
(d) Contract	285	
(e) In-house		
(4) Construction Start	97 AUG	
b. Equipment associated with this project will be provided from other appropriations: N/A		
Mr. Lee Anderson (301) 836-8080		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE	
3. INSTALLATION AND LOCATION FORT WAYNE INTERNATIONAL AIRPORT, INDIANA			4. AREA CONSTR COST INDEX 1.02	
5. FREQUENCY AND TYPE OF UTILIZATION Two Unit Training Assemblies per month, 15 days annual field training per year, daily use by technician/AGR force and training.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Army National Guard Armory, 1 Army Reserve Facility, 1 Marine Reserve Facility				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997				
CATEGORY			COST	DESIGN STATUS
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u> <u>CMPL</u>
871-183	UPGRADE DRAINAGE SYSTEM	LS	480	JAN 94 MAR 96
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved				
				24 AUG 95 (Date)
9. LAND ACQUISITION REQUIRED		None		
			(Number of Acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY			COST	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	
442-758	BASE SUPPLY COMPLEX	31,000 SF	3,750	
722-351	DINING HALL AND MEDICAL TRAINING FACILITY	34,800 SF	5,800	

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE	
3. INSTALLATION AND LOCATION FORT WAYNE INTERNATIONAL AIRPORT, INDIANA						
11. PERSONNEL STRENGTH AS OF 18 AUG 95						
	PERMANENT				GUARD/RESERVE	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	360	24	290	46	1,086	106 980
ACTUAL	352	23	285	44	1,046	104 942
12. RESERVE UNIT DATA						
		STRENGTH				
<u>UNIT DESIGNATION</u>		<u>AUTHORIZED</u>	<u>ACTUAL</u>			
122	HQ FW	53	51			
122	SPT GP	5	3			
122	MSF	34	32			
122	SPS	57	65			
122	CES	134	115			
122	SVF	30	28			
122	CF	40	39			
122	MED SQ	57	53			
122	LG GP	20	19			
122	MA SQ	201	194			
122	AGS	175	168			
122	LSF	32	29			
122	LG SQ	111	109			
122	OPS GP	3	4			
163	FS	38	41			
122	OSF	23	23			
235	ATCF	68	73			
8122	STU FL	5	0			
TOTALS		1,086	1,046			
13. MAJOR EQUIPMENT AND AIRCRAFT						
<u>TYPE</u>		<u>AUTHORIZED</u>	<u>ASSIGNED</u>			
F-16 C/D Aircraft		12	20			
C-26 Aircraft		1	1			
Support Equipment		170	134			
Vehicle Equivalents		333	301			

1. COMPONENT		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
ANG					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
FORT WAYNE INTERNATIONAL AIRPORT INDIANA			UPGRADE DRAINAGE SYSTEM		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
55256F	871-183	ATOZ949537	\$480		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE DRAINAGE SYSTEM		LS			340
SUPPORTING FACILITIES					95
PAVEMENTS		LS			(75)
SITE IMPROVEMENTS		LS			(20)
SUBTOTAL					435
CONTINGENCY (5%)					22
TOTAL CONTRACT COST					457
SUPERVISION, INSPECTION AND OVERHEAD (5%)					23
TOTAL REQUEST					480
TOTAL REQUEST (ROUNDED)					480
10. Description of Proposed Construction: Upgrade storm water collection and storm water retention system by resizing storm water inlets and storm water piping system. Reshape and regrade open channel storm water ditches. Tie into existing retention area and install storm water/oil separators. Regrade and reshape roadside swales. Upgrade deteriorated and undersized catchment basins. Repair pavements and sites.					
11. REQUIREMENT: As required. PROJECT: Upgrade Drainage System (Current Mission). REQUIREMENT: This is a level II environmental compliance project as mandated by the Clean Water Act and required by 40 CFR 125, Criteria and Standards for National Pollution Discharge Elimination System. An adequately sized, properly configured, and environmentally correct storm water drainage and collection system is required to reduce the sediment and glycol loadings leaving the base. An existing storm water retention pond will provide sufficient time to allow the sediments to settle and reduce the biological oxygen demand (BOD) of the glycols. CURRENT SITUATION: The majority of the east side of the base has no structured drainage system to handle the rainfall. Surface storm water systems are undersized. Parking lots and roadways provide large impervious areas where oil mixes with storm water. Current deicing operations allow runoff of glycol-contaminated water to flow onto the ground. The undersized system does not allow sufficient settling of sediments or a reduction in the BOD. IMPACT IF NOT PROVIDED: The base will continue to discharge highly turbid and high BOD water to the water stream and adversely impact aquatic life. Continued violations of federal and state regulations could lead to environmental regulators imposing fines and penalties.					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
FORT WAYNE INTERNATIONAL AIRPORT INDIANA		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE DRAINAGE SYSTEM	ATOZ949537	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		94 JAN 05
(b) Percent Complete as of Jan 96		70%
(c) Date 35% Designed		95 JUN 01
(d) Date Design Complete		96 MAR 01
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		25
(b) All Other Design Costs		17
(c) Total		42
(d) Contract		42
(e) In-house		
(4) Construction Start		97 JUL
b. Equipment associated with this project will be provided from other appropriations: N/A		
Mr. Ron Schnakenberg (301) 836-8115		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE																							
3. INSTALLATION AND LOCATION BARNES MUNICIPAL AIRPORT ANG, MASSACHUSETTS			4. AREA CONSTR COST INDEX 1.34																							
5. FREQUENCY AND TYPE OF UTILIZATION Four Unit Training Assemblies per month, 15 days annual field training per year, daily use by civil service technician, Active Guard/Reserve personnel, and Cooperative Service Agreement employees, 24 hour coverage by security and fire fighter personnel																										
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 8 Army National Guard Armories, 1 Army Reserve Center, 1 Air Force Reserve Base, 1 Navy Reserve and 1 Marine Reserve																										
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997																										
<table border="1"> <thead> <tr> <th colspan="2">CATEGORY</th> <th rowspan="2">SCOPE</th> <th rowspan="2">COST (\$000)</th> <th colspan="2">DESIGN STATUS</th> </tr> <tr> <th>CODE</th> <th>PROJECT TITLE</th> <th>START</th> <th>CMPL</th> </tr> </thead> <tbody> <tr> <td>821-116</td> <td>UPGRADE HEATING DISTRIBUTION SYSTEM</td> <td>LS</td> <td>500</td> <td>OCT 93</td> <td>JUL 95</td> </tr> </tbody> </table>					CATEGORY		SCOPE	COST (\$000)	DESIGN STATUS		CODE	PROJECT TITLE	START	CMPL	821-116	UPGRADE HEATING DISTRIBUTION SYSTEM	LS	500	OCT 93	JUL 95						
CATEGORY		SCOPE	COST (\$000)	DESIGN STATUS																						
CODE	PROJECT TITLE			START	CMPL																					
821-116	UPGRADE HEATING DISTRIBUTION SYSTEM	LS	500	OCT 93	JUL 95																					
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved																										
				15 AUG 95 (Date)																						
9. LAND ACQUISITION REQUIRED			None																							
			(Number of Acres)																							
10. PROJECTS PLANNED IN NEXT FOUR YEARS																										
<table border="1"> <thead> <tr> <th colspan="2">CATEGORY</th> <th rowspan="2">SCOPE</th> <th rowspan="2">COST (\$000)</th> </tr> <tr> <th>CODE</th> <th>PROJECT TITLE</th> </tr> </thead> <tbody> <tr> <td>442-758</td> <td>BASE SUPPLY COMPLEX</td> <td>30,000 SF</td> <td>4,500</td> </tr> <tr> <td>722-351</td> <td>DINING HALL</td> <td>11,300 SF</td> <td>2,650</td> </tr> <tr> <td>871-183</td> <td>UPGRADE STORM DRAINAGE SYSTEM</td> <td>LS</td> <td>350</td> </tr> <tr> <td>880-232</td> <td>BASEWIDE FIRE ALARM SYSTEM</td> <td>LS</td> <td>365</td> </tr> </tbody> </table>					CATEGORY		SCOPE	COST (\$000)	CODE	PROJECT TITLE	442-758	BASE SUPPLY COMPLEX	30,000 SF	4,500	722-351	DINING HALL	11,300 SF	2,650	871-183	UPGRADE STORM DRAINAGE SYSTEM	LS	350	880-232	BASEWIDE FIRE ALARM SYSTEM	LS	365
CATEGORY		SCOPE	COST (\$000)																							
CODE	PROJECT TITLE																									
442-758	BASE SUPPLY COMPLEX	30,000 SF	4,500																							
722-351	DINING HALL	11,300 SF	2,650																							
871-183	UPGRADE STORM DRAINAGE SYSTEM	LS	350																							
880-232	BASEWIDE FIRE ALARM SYSTEM	LS	365																							

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE		
3. INSTALLATION AND LOCATION BARNES MUNICIPAL AIRPORT ANG, MASSACHUSETTS							
11. PERSONNEL STRENGTH AS OF 31 JUL 96							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	297	7	62	228	1,045	110	935
ACTUAL	297	9	62	226	999	104	895
12. RESERVE UNIT DATA							
				<u>STRENGTH</u>			
<u>UNIT DESIGNATION</u>				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
104	FG	HQ		54	51		
131	FS			41	38		
104	MNT	SQ		224	229		
104	LOG	SQ		116	115		
104	MED	SQ		68	64		
104	CES			146	139		
104	SVF			30	32		
104	SPS			57	54		
104	CMN	FL		42	40		
104	OPS	GP		3	4		
104	LOG	GP		20	20		
131	WEA	FT		13	14		
104	SPT	GP		5	4		
104	OSF			21	23		
104	MSSQ			34	30		
104	AGS			137	116		
104	LGSPT			<u>34</u>	<u>26</u>		
TOTALS				1,045	999		
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ASSIGNED</u>		
A-10 Aircraft				17	20		
Support Equipment				83	74		
Vehicle Equivalents				252	252		

1. COMPONENT ANG	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION BARNES MUNICIPAL AIRPORT ANG MASSACHUSETTS		4. PROJECT TITLE UPGRADE HEATING DISTRIBUTION SYSTEM		
5. PROGRAM ELEMENT 55256F	6. CATEGORY CODE 821-116	7. PROJECT NUMBER AXOD939759	8. PROJECT COST(\$000) \$500	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE HEATING DISTRIBUTION SYSTEM	LS			342
SUPPORTING FACILITIES				112
UTILITIES	LS			(32)
SITE IMPROVEMENTS	LS			(20)
ASBESTOS REMOVAL	LS			(60)
SUBTOTAL				454
CONTINGENCY (5%)				23
TOTAL CONTRACT COST				477
SUPERVISION, INSPECTION AND OVERHEAD (5%)				24
TOTAL REQUEST				501
TOTAL REQUEST (ROUNDED)				500
10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work.				
11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meets applicable clean air requirements. CURRENT SITUATION: The base is in a serious non-attainment area for ozone and the heat plant does not meet current air quality emission standards. A large quantity of heat is lost in the distribution system. Partly steam and partly hot water, the system is inefficient and wastes energy. Pumps, controls, and monitoring systems are unreliable and parts are no longer readily available. Steam lines and valves are corroded beyond acceptable tolerances. Sections of piping need frequent replacement because of failure from corroded conditions. IMPACT IF NOT PROVIDED: Unable to meet federal and state air emission standards which could result in notices of violation from environmental regulators leading to possible fines and penalties. Higher operating costs would continue and complete failure of the heating system could occur.				

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
BARNES MUNICIPAL AIRPORT ANG MASSACHUSETTS		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE HEATING DISTRIBUTION SYSTEM	AXOD939759	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	93 OCT 22	
(b) Percent Complete as of Jan 96	100%	
(c) Date 35% Designed	94 NOV 10	
(d) Date Design Complete	95 JUL 01	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications	23	
(b) All Other Design Costs	13	
(c) Total	36	
(d) Contract	36	
(e) In-house		
(4) Construction Start	97 JUN	
b. Equipment associated with this project will be provided from other appropriations: N/A		
Lt Col Bob Lyon (301) 836-8070		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE	
3. INSTALLATION AND LOCATION ANDREWS AIR FORCE BASE, MARYLAND			4. AREA CONSTR COST INDEX 1.03	
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Air Force Reserve, 1 Army Reserve, 1 Active Air Force Base, 1 Navy Reserve and 1 Army National Guard				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997				
CATEGORY			COST	DESIGN STATUS
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u> <u>CMPL</u>
422-256	MUNITIONS TRAILER MAINTENANCE FACILITY	233 SM	500	DEC 88 JUL 91
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved				
			13 APR 95 (Date)	
9. LAND ACQUISITION REQUIRED		None		
		(Number of Acres)		
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY			COST	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	
214-425	ADD TO AND ALTER VEHICLE AND AGE MAINTENANCE SHOPS	18,800 SF	2,100	
610-281	ANGRC COMPOSITE SUPPORT CENTER	LS	20,000	
610-281	ALTER ANGRS SUPPORT CENTER	LS	5,600	

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE		
3. INSTALLATION AND LOCATION ANDREWS AIR FORCE BASE, MARYLAND							
11. PERSONNEL STRENGTH AS OF 31 AUG 95							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	520	38	145	337	1,488	170	1,318
ACTUAL	518	38	140	340	1,346	173	1,173
12. RESERVE UNIT DATA							
				<u>STRENGTH</u>			
<u>UNIT DESIGNATION</u>				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
113	FW			56	51		
113	OPS GP			3	3		
113	FT SQ			39	38		
113	OP FT			22	20		
113	LOG			20	17		
113	MTN SQ			201	183		
113	LOG			107	102		
113	SPT GP			5	5		
113	MSN FT			34	33		
113	CES			110	106		
113	POLICE			57	53		
113	COMM			35	36		
113	SVS			40	40		
113	MED			53	54		
113	ACFT			175	141		
113	LOG			32	25		
113	HQ DC			44	38		
201	ALS			205	195		
121	WEA			22	18		
231	CCMBT			228	188		
TOTALS				1,488	1,346		
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ASSIGNED</u>		
F-16 Aircraft				12	15		
C-21 Aircraft				4	4		
C-22 Aircraft				5	3		
Support Equipment				189	183		
Vehicle Equivalents				427	451		

1. COMPONENT ANG		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION ANDREWS AIR FORCE BASE MARYLAND			4. PROJECT TITLE MUNITIONS TRAILER MAINTENANCE FACILITY		
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 422-256	7. PROJECT NUMBER AJXF000836B	8. PROJECT COST(\$000) \$500		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
MUNITIONS TRAILER MAINTENANCE FACILITY	SM	233		298	
EQUIPMENT MAINTENANCE AND STORAGE AREA	SM	93	1,300	(121)	
MUNITIONS MAINTENANCE AREA	SM	47	1,190	(56)	
PAINT SPRAY BOOTH AREA	SM	93	1,300	(121)	
SUPPORTING FACILITIES				150	
UTILITIES	LS			(55)	
PAVEMENTS	LS			(75)	
SITE IMPROVEMENTS	LS			(20)	
SUBTOTAL				448	
CONTINGENCY (5%)				22	
TOTAL CONTRACT COST				470	
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				31	
TOTAL REQUEST				501	
TOTAL REQUEST (ROUNDED)				500	
10. Description of Proposed Construction: Reinforced concrete slab and foundation, steel framed structure, membrane roof, and asphaltic concrete vehicle parking area. Provide all utilities, pavements and site improvements. Air Conditioning: 10 Tons.					
11. REQUIREMENT: 233 SM ADEQUATE: 93 SM SUBSTANDARD: 0 PROJECT: Munitions Trailer Maintenance Facility (Current Mission). REQUIREMENT: This is a Level I Commanders Facility Assessment (CFA) requirement. The base requires adequate space for munitions trailer maintenance, munitions trailers and AGE equipment storage. Additional space is required for administration and support space. CURRENT SITUATION: The carts and trailers that carry the F-16 munitions items from the storage igloos to the aircraft parking ramp are stored and maintained outdoors. This is done within the fenced and secure area of the munitions storage compound which is located in a remote part of the base. While there are many other tenants on Andrews AFB, ANG is the only organization that stores and maintains munitions for the fighter aircraft. The work must be done within the fenced and secure area to effectively train the troops. There are no other facilities or space within the secure area. There is inadequate space for storage and corrosion control of support equipment, trailers and tanks. The work outside is controlled by the weather. The outside storage accelerates the deterioration and prevents the full use of the equipment for training purposes during the coldest months. Equipment deterioration and malfunction result in unsafe and dangerous working condition. This is unsafe, wastes money and has potential environmental problems. IMPACT IF NOT PROVIDED: Maintenance on trailers continues to be done in					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION		
ANDREWS AIR FORCE BASE MARYLAND		
4. PROJECT TITLE	5. PROJECT NUMBER	
MUNITIONS TRAILER MAINTENANCE FACILITY	AJXF000836B	
<p>the open. Painting of equipment is done in violation of fire, safety and environmental air emission regulations. Inefficient operations and loss of training manhours continue. Potential dangerous and unsafe working conditions.</p>		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
ANDREWS AIR FORCE BASE MARYLAND		
4. PROJECT TITLE	5. PROJECT NUMBER	
MUNITIONS TRAILER MAINTENANCE FACILITY	AJXF000836B	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	88 DEC 12	
(b) Percent Complete as of Jan 96	100%	
(c) Date 35% Designed	90 JUN 04	
(d) Date Design Complete	91 JUL 30	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications	18	
(b) All Other Design Costs	16	
(c) Total	34	
(d) Contract	34	
(e) In-house		
(4) Construction Start	97 JUL	
b. Equipment associated with this project will be provided from other appropriations: N/A		
Mr. Steve Rosner (301) 836-8186		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE	
3. INSTALLATION AND LOCATION SELFRIDGE ANG BASE, MICHIGAN			4. AREA CONSTR COST INDEX 1.21	
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 5 Army Reserve Centers, 2 Army National Guard Armories and 1 Naval Armory				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997				
CATEGORY			COST	DESIGN STATUS
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u> <u>CMPL</u>
821-116	UPGRADE HEATING SYSTEMS	LS	3,000	APR 93 FEB 96
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved				
			23 FEB 95 (Date)	
9. LAND ACQUISITION REQUIRED		None		
		(Number of Acres)		
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY			COST	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	
116-672	AIRCRAFT DE ICING APRON	LS	400	
149-962	CONTROL TOWER	LS	2,900	
219-944	BASE CIVIL ENGINEERING MAINTENANCE FACILITY	18,100 SF	2,700	
730-142	FIRE STATION	29,800 SF	5,000	
850-000	STORM WATER TREATMENT FACILITY	LS	1,500	
851-000	UPGRADE SANITARY AND DRAINAGE SYSTEMS	LS	1,800	

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE
3. INSTALLATION AND LOCATION SELFRIDGE ANG BASE, MICHIGAN					
11. PERSONNEL STRENGTH AS OF 30 JUN 95					
	<u>PERMANENT</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>				<u>GUARD/RESERVE</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	1,071	45	491	535	1,845 220 1,625
ACTUAL	979	44	485	450	1,716 189 1,527
12. RESERVE UNIT DATA					
<u>UNIT DESIGNATION</u>		<u>STRENGTH</u>			
		<u>AUTHORIZED</u>	<u>ACTUAL</u>		
127	SVF	30	23		
107	FS	37	45		
127	MS	243	428		
127	MEDS	72	68		
127	FW	53	45		
127	COMFLT	35	39		
127	SPS	57	58		
127	LS	143	104		
107	WX LT	19	20		
191	SVF	30	27		
171	AS	95	147		
191	MS	171	225		
191	AG	114	41		
191	MEDS	56	46		
191	CES	140	130		
191	SPS	57	51		
191	LS	123	92		
191	COMMS	39	37		
191	OG	6	5		
191	LG	9	12		
191	SPTG	5	3		
191	OSF	19	23		
127	OG	3	3		
127	LG	20	16		
TOTALS		1,576	1,688		
13. MAJOR EQUIPMENT AND AIRCRAFT					
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>			
F-16A/B Aircraft	12	20			
C-26B Aircraft	1	1			
C-130E	8	8			
Support Equipment	262	255			
Vehicle Equivalents	902	838			

1. COMPONENT		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
ANG					
3. INSTALLATION AND LOCATION SELFRIDGE AIR NATIONAL GUARD BASE MICHIGAN			4. PROJECT TITLE UPGRADE HEATING SYSTEMS		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
55256F	821-116	VGLZ929903	\$3,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE HEATING SYSTEMS		LS			2,200
SUPPORTING FACILITIES					500
UTILITIES		LS			(280)
PAVEMENTS		LS			(170)
SITE IMPROVEMENTS		LS			(50)
SUBTOTAL					2,700
CONTINGENCY (5%)					135
TOTAL CONTRACT COST					2,835
SUPERVISION, INSPECTION AND OVERHEAD (5%)					142
TOTAL REQUEST					2,977
TOTAL REQUEST (ROUNDED)					3,000
10. Description of Proposed Construction: The shutdown of the steam distribution system serving twelve buildings on the west side of the base requires the installation of packaged heating systems. These will be grouped to most efficiently serve the affected buildings. Provide all utilities, pavements, site improvements, and support.					
11. REQUIREMENT: As required. PROJECT: Upgrade Heating Systems (Current Mission). REQUIREMENT: This is a level I environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards and 40 CFR 61, National Emissions Standards for Hazardous Air Pollutants. The state inspectors have determined that the stack emissions exceeded the regulatory level of 20% opacity. The base requires adequate heating systems which are economical to maintain, operate and do not pollute the air and ground water. Buildings 1403, 1407, 1409, 1410, 1414, 1424, 1425, 1426, 1427, 1428, 1429, and 1430 require packaged heating units. CURRENT SITUATION: In a non-attainment area for ozone, the base has a coal-fired central heating plant which is antiquated and does not meet current air quality emission standards. The central plant serves twelve buildings through a system of approximately six miles of underground and above ground high temperature hot water lines. It has old boilers which are not economical to operate. The heating plant also has numerous health and safety violations. Lines serving the buildings are old, poorly insulated, and leak, resulting in a substantial loss of energy. The pipes also have asbestos insulation. The electrical connections are old and corroded. The coal storage piles have contaminated the groundwater. The plant must also be must be operated throughout the year to allow the					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
SELFRIDGE AIR NATIONAL GUARD BASE MICHIGAN		
4. PROJECT TITLE		5. PROJECT NUMBER
UPGRADE HEATING SYSTEMS		VGLZ929903
<p>production of hot water for the various buildings. It is not economical to upgrade the heating plant to meet air quality emission standards. This project will construct energy efficient and smaller gas-fired heating units that will be more economical to operate and maintain. The grouping was determined by an extensive study and economic analysis. Upon completion of this project the following will occur: remove coal pile and restore contaminated area; remove 1,000 LF of railroad track; demolish Buildings 1418 (2,600 SF) and 1005 (3,959 SF); and remove all of the remaining supporting appurtenances.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Unable to comply with the federal and state air emission standards. Environmental regulators could issue notices of violation and fines for air and groundwater pollution. Large energy losses and inadequate heating for twelve buildings. Health and safety hazards and higher operating costs would continue to occur. Regulatory or operational constraints could shut down the system leading to partial shut down of the base.</p> <p><u>ADDITIONAL:</u> An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on life-cycle costs in net present value and the benefits of the respective alternatives, grouping of the boilers into packaged units was found to be the most cost effective for this project. This project is the final of a 3-phase program for the total conversion of the two central heating plants to individual/grouped gas fired systems.</p>		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
SELFREDGE AIR NATIONAL GUARD BASE MICHIGAN		
4. PROJECT TITLE		5. PROJECT NUMBER
UPGRADE HEATING SYSTEMS		VGLZ929903
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 APR 14
(b) Percent Complete as of Jan 96		95%
(c) Date 35% Designed		95 MAR 31
(d) Date Design Complete		96 FEB 05
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		175
(b) All Other Design Costs		72
(c) Total		247
(d) Contract		247
(e) In-house		
(4) Construction Start		97 JUL
b. Equipment associated with this project will be provided from other appropriations: N/A		
Mr. John Loehle (301) 836-8076		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE	
3. INSTALLATION AND LOCATION ATLANTIC CITY INTERNATIONAL AIRPORT, NEW JERSEY				4. AREA CONSTR COST INDEX 1.20	
5. FREQUENCY AND TYPE OF UTILIZATION Four Unit Training Assemblies per month, 15 days annual field training per year, daily use by technician/AGR force and for training.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 2 Army National Guard Armories, 1 Coast Guard Training Center					
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997					
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS START CMPL	
171-450	ADD TO AND ALTER MEDICAL TRAINING FACILITY	530 SM	380	APR 94	APR 96
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved					
				15 NOV 94 (Date)	
9. LAND ACQUISITION REQUIRED		None			
		(Number of Acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)		
131-111	COMMUNICATIONS AND SECURITY POLICE FACILITY	14,800 SF	2,650		
422-264	STORAGE IGLOOS	6,400 SF	1,100		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE
3. INSTALLATION AND LOCATION ATLANTIC CITY INTERNATIONAL AIRPORT, NEW JERSEY					
11. PERSONNEL STRENGTH AS OF 1 SEP 95					
	<u>PERMANENT</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>				<u>GUARD/RESERVE</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	352	7	53	292	1,042 90 952
ACTUAL	352	7	53	292	930 93 837
12. RESERVE UNIT DATA					
<u>UNIT DESIGNATION</u>		<u>STRENGTH</u>			
		<u>AUTHORIZED</u>	<u>ACTUAL</u>		
177	FG	58	51		
119	FS	34	32		
177	MSQ	192	144		
177	LSQ	112	103		
177	COM	47	43		
177	MSS FT	35	33		
177	CES	140	135		
177	SPS	85	87		
177	MED SQ	56	53		
177	SVF	30	27		
177	OPS GP	3	1		
177	LGS GP	20	20		
177	SPT GP	5	5		
177	OPS FT	21	21		
177	LGS FT	32	30		
177	AGS	151	143		
177	FG DET	<u>21</u>	<u>2</u>		
TOTALS		1,042	930		
13. MAJOR EQUIPMENT AND AIRCRAFT					
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>			
F-16 Aircraft	15	18			
Support Equipment	115	103			
Vehicle Equivalents	267	293			

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE	
3. INSTALLATION AND LOCATION KIRTLAND AIR FORCE BASE, NEW MEXICO				4. AREA CONSTR COST INDEX 1.02	
5. FREQUENCY AND TYPE OF UTILIZATION Four Unit Training assemblies per month, 15 days annual field training per year, daily use by technician/AGR force and for training.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 3 Army National Guard Armories, 2 Army Reserve Facilities, 1 Naval/Marine Reserve Facility					
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997					
CATEGORY				COST	DESIGN STATUS
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>
216-642	MUNITIONS MAINTENANCE AND STORAGE COMPLEX	1,678 SM	3,000	JUL 91	NOV 95
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved					
				23 AUG 95 (Date)	
9. LAND ACQUISITION REQUIRED		None			
				(Number of Acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
CATEGORY				COST	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>		
131-111	COMPOSITE SUPPORT FACILITY	14,500 SF	3,000		
141-753	ADD TO AND ALTER SQUADRON OPERATIONS FACILITY	22,300 SF	2,800		
442-758	ADD TO AND ALTER BASE SUPPLY WAREHOUSE	41,000 SF	2,400		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE
3. INSTALLATION AND LOCATION KIRTLAND AIR FORCE BASE, NEW MEXICO					
11. PERSONNEL STRENGTH AS OF 15 AUG 95					
	<u>PERMANENT</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>				<u>GUARD/RESERVE</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	364	36	324	4	1,038 121 917
ACTUAL	364	36	324	4	1,043 121 922
12. RESERVE UNIT DATA					
<u>UNIT DESIGNATION</u>		<u>STRENGTH</u>			
		<u>AUTHORIZED</u>	<u>ACTUAL</u>		
HQ	NM ANG	28	24		
150	FG	53	52		
150	MED SQ	53	49		
150	MSN SQ	34	33		
150	MNT SQ	220	230		
150	ACFTSQ	189	201		
150	LGSPFT	32	22		
150	CES	110	104		
150	SVSFLT	30	32		
150	SP SQ	57	58		
150	LG SQ	111	104		
150	COM FT	39	39		
150	SPT GP	5	5		
188	FTR SQ	38	45		
8150	STUFLT	5	19		
150	OPS GP	3	3		
150	OPS FT	31	23		
TOTALS		1,038	1,043		
13. MAJOR EQUIPMENT AND AIRCRAFT					
<u>TYPE</u>		<u>AUTHORIZED</u>	<u>ASSIGNED</u>		
F-16 Aircraft (LANTRIN, Block 40)		12	19		
F-16 Aircraft (DSE, Block 30)		8	11		
C-26 Aircraft		1	1		
Support Equipment		171	150		
Vehicle Equivalents		179	86		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
ANG				
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
KIRTLAND AIR FORCE BASE NEW MEXICO		MUNITIONS MAINTENANCE AND STORAGE COMPLEX		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)	
52620F	216-642	MHMOV899521	\$3,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
MUNITIONS MAINTENANCE AND STORAGE	SM	1,678		1,743
SUPPORT AND TRAILER MAINTENANCE	SM	700	1,350	(945)
MUNITIONS MAINTENANCE	SM	428	1,350	(578)
ALTER MUNITIONS STORAGE	SM	550	400	(220)
SUPPORTING FACILITIES				980
UTILITIES/SEWER LATERAL	LS			(430)
PAVEMENTS,ROADS AND LOADING PAD	LS			(400)
SITE IMPROVEMENTS	LS			(75)
PREWIRED WORK STATIONS	LS			(25)
LOADING/UNLOADING DOCK	LS			(50)
SUBTOTAL				2,723
CONTINGENCY (5%)				136
TOTAL CONTRACT COST				2,859
SUPERVISION, INSPECTION AND OVERHEAD (5%)				143
TOTAL REQUEST				3,002
TOTAL REQUEST (ROUNDED)				3,000
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry/reinforced concrete walls and a frangible built-up roof for the maintenance/administration area. Metal building/concrete floor for covered storage/missile training area. Alter existing storage. Overlay road, provide new pavements and utilities. Extend sewer lateral into the munitions complex. Air Conditioning: 25 Tons.				
11. REQUIREMENT: 1,678 SM ADEQUATE: 0 SUBSTANDARD: 1,255 SM PROJECT: Munitions Maintenance and Storage Complex (New Mission). REQUIREMENT: This project supports the conversion from A-7 to F-16 aircraft in October 1992. Adequate training and operational facilities are necessary to support the storage, inspection, maintenance, and repair of aircraft missiles and missile trailers. Functional areas required are missile maintenance bays, trailer maintenance bay, parts storage, administration area, rest rooms, and missile, 20-mm munitions and ALS/ULS processing areas. CURRENT SITUATION: The ANG munitions maintenance is in a shared Air Force facility and is conducted in an unsafe and undersized area that is 25% of the minimum required space. The area is also too close to a new taxiway that the airport authority is building for commercial operation. The distance to the new taxiway limits the type of explosives that can be stored, maintained and used for training. During training weekends, only one training class at a time can be conducted due to the limited space available. Trailer maintenance is performed outside exposed to the elements which can be extreme heat/cold with high winds and blown sand. No missile maintenance facility exists. Maintenance and training requirements have increased with the F-16 creating the need for more				

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
KIRTLAND AIR FORCE BASE NEW MEXICO		
4. PROJECT TITLE	5. PROJECT NUMBER	
MUNITIONS MAINTENANCE AND STORAGE COMPLEX	MHMV899521	
<p>space. Air Force shared maintenance space is a temporary workaround. The ANG is only scheduled space when Air Force is not using it. Some alterations to the existing facilities that will make up this complex are required. The munition area is located at a remote part of the base and some infrastructure work is mandatory. An existing access road to the proposed site is in need of an overlay as smooth pavements are required for the movement of munitions. Environmental restrictions require that sewage from the area be transmitted to a treatment plant through a sewer lateral. Since none exist in the area, one must be constructed from the proposed building site to an existing sanitary system.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The unit is unable to properly and safely maintain the munitions for the new aircraft. There is no space to accommodate the new missile test equipment, maintain/store trailers and provide necessary munitions training. The unit is not able to accomplish the mission.</p> <p><u>ADDITIONAL:</u> Upon completion of this project, Buildings 749 @ 123 SF; 754 @ 5,474 SF; 755 @ 5,474 SF, and 756 @ 822 SF will be returned to the Air Force for disposition. Three trailers used to supplement the above space will be disposed upon completion of this project. All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p>		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
KIRTLAND AIR FORCE BASE NEW MEXICO		
4. PROJECT TITLE	5. PROJECT NUMBER	
MUNITIONS MAINTENANCE AND STORAGE COMPLEX	MHMV899521	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	91 JUL 26	
(b) Percent Complete as of Jan 96	100%	
(c) Date 35% Designed	94 FEB 22	
(d) Date Design Complete	95 NOV 01	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	(\$000)	
(a) Production of Plans and Specifications	141	
(b) All Other Design Costs	68	
(c) Total	209	
(d) Contract	209	
(e) In-house		
(4) Construction Start	97 JUN	
b. Equipment associated with this project will be provided from other appropriations: N/A		
Mr. Ron Schnakenberg (301) 836-8115		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE	
3. INSTALLATION AND LOCATION RENO CANNON INTERNATIONAL AIRPORT, NEVADA			4. AREA CONSTR COST INDEX 1.20	
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 2 Army National Guard Units, 1 Army Reserve Unit, 1 Naval Reserve Unit and 1 Marine Corps Reserve Unit				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997				
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u>
211-179	FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL HANGAR	2,410 SM	4,600	SEP 95 SEP 96
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved				18 MAY 95 (Date)
9. LAND ACQUISITION REQUIRED		None	(Number of Acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	
113-321	ADD TO AIRCRAFT PARKING APRON	9,800 SY	1,400	
171-873	AERIAL PORT TRAINING FACILITY	14,200 SF	2,000	
214-425	VEHICLE MAINTENANCE COMPLEX	20,000 SF	3,000	

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE		
3. INSTALLATION AND LOCATION RENO CANNON INTERNATIONAL AIRPORT, NEVADA							
11. PERSONNEL STRENGTH AS OF 15 MAR 95							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	361	43	302	16	1,125	146	979
ACTUAL	339	36	288	15	1,069	144	925
12. RESERVE UNIT DATA							
				<u>STRENGTH</u>			
<u>UNIT DESIGNATION</u>				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
HQ	NV	ANG		29	30		
152	CES			131	114		
152	CMN	FT		38	37		
152	ITL	SQ		96	89		
152	LGS	GP		17	15		
152	LGS	SQ		106	100		
152	MAI	SQ		406	330		
152	MEG	SQ		34	33		
152	MSQ	FT		34	34		
152	OPS	GP		10	6		
152	OSS	FT		14	11		
152	RCN	GP		48	45		
152	SEP	FT		57	60		
152	SER	FT		28	25		
152	SUT	GP		5	3		
152	STU	FT		7	73		
192	RCN	SQ		65	64		
TOTALS				1,125	1,069		
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ASSIGNED</u>		
C-130 Aircraft				8	2		
Support Equipment				183	187		
Vehicle Equivalents				71	73		

1. COMPONENT ANG		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION RENO CANNON INTERNATIONAL AIRPORT NEVADA			4. PROJECT TITLE FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL HANGAR		
5. PROGRAM ELEMENT 54332F	6. CATEGORY CODE 211-179	7. PROJECT NUMBER UCTL949732	8. PROJECT COST(\$000) \$4,600		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
FUEL SYSTEMS MAINTENANCE DOCK	SM	2,410		3,602	
FUEL SYSTEMS MAINTENANCE HANGAR	SM	1,900	1,550	(2,945)	
FUEL SYSTEMS MAINTENANCE SHOP	SM	160	1,300	(208)	
CORROSION CONTROL SHOP	SM	140	1,300	(182)	
PLASTIC MEDIA STRIPPING AREA	SM	150	1,300	(195)	
MUNITION STORAGE RELOCATION	SM	60	1,200	(72)	
SUPPORTING FACILITIES				590	
UTILITIES	LS			(150)	
PAVEMENTS/SITE IMPROVEMENTS/DEMOLITION	LS			(175)	
FIRE PROTECTION SUPPORT	LS			(265)	
SUBTOTAL				4,192	
CONTINGENCY (5%)				210	
TOTAL CONTRACT COST				4,402	
SUPERVISION, INSPECTION AND OVERHEAD (5%)				220	
TOTAL REQUEST				4,622	
TOTAL REQUEST (ROUNDED)				4,600	
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, structural steel framing with insulated metal panels and roof. Interior masonry walls, mechanical ventilation system, drainage with oil/water separator, fire suppression, personnel breathing apparatus and utilities. Exterior access pavements, utilities and support. Demolish Building 1 at 3,087 SF that is in the way of construction. Air Conditioning: 10 Tons.					
11. REQUIREMENT: 2,410 SM ADEQUATE: 0 SUBSTANDARD: 1,023 SM PROJECT: Fuel System Maintenance and Corrosion Control Hangar (New Mission). REQUIREMENT: This project supports the conversion from 18 RF-4 fighter aircraft to 8 C-130 cargo aircraft. A facility for repair of C-130 aircraft fuel cells and bladders is required. Functional areas include fuel cell hangar bay, bladder repair and support shops and approach aprons to the hangar. Work must be performed indoors to keep dust and debris from entering the fuel cell bladders and to meet environmental requirements. Aircraft washing shall also occur in this facility. A small munitions shop which is in the way of the construction must be demolished and a new facility built in its place. CURRENT SITUATION: The base does not have a facility for performing Fuel Cell/Corrosion Control on C-130 aircraft. The fighter type fuel cell/corrosion control facility cannot be used by the much larger C-130 aircraft. The facility has been converted for use as aerial port training. Weather conditions and environmental regulations require that fuel cell maintenance and corrosion control be performed indoors since the aircraft fuel bladders and cells must remain open for a considerable time. The small munitions storage building in the way of construction must be					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
RENO CANNON INTERNATIONAL AIRPORT NEVADA		
4. PROJECT TITLE	5. PROJECT NUMBER	
FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL HANGAR	UCTL949732	
<p>demolished to make room for the fuel cell.</p> <p><u>IMPACT IF NOT PROVIDED:</u> In good weather, fuel system maintenance and corrosion control will be performed on the ramp in an unsafe manner and in violation of Technical Orders. If a fuel spill should occur, it will seep through the pavement joints and contaminate the soil and ground water. When the weather does not allow outdoor work the aircraft will have to be flown to another base that has the capability. Work at other locations will be done on a space available basis. Compliance with environmental regulations cannot be met. Lost training opportunities and higher operating costs. Unable to reach full operational capability.</p> <p><u>ADDITIONAL:</u> There are no facilities on base that can house this function. All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p>		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA ANG (computer generated)	2. DATE
3. INSTALLATION AND LOCATION RENO CANNON INTERNATIONAL AIRPORT NEVADA		
4. PROJECT TITLE	5. PROJECT NUMBER	
FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL HANGAR	UCTL949732	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		95 SEP 01
(b) Percent Complete as of Jan 96		40%
(c) Date 35% Designed		95 DEC 20
(d) Date Design Complete		96 SEP 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		240
(b) All Other Design Costs		100
(c) Total		340
(d) Contract		340
(e) In-house		
(4) Construction Start		97 AUG
b. Equipment associated with this project will be provided from other appropriations: N/A		
Capt Mark Susa (301) 836-8187		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE	
3. INSTALLATION AND LOCATION FRANCIS S GABRESKI AIRPORT, NEW YORK			4. AREA CONSTR COST INDEX 1.31	
5. FREQUENCY AND TYPE OF UTILIZATION Four Unit Training Assemblies per month, 15 days annual field training per year, daily use by technician/AGR force and for training.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Army National Guard Unit, 1 Army Reserve Unit, 1 U. S. Coast Guard Unit.				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997				
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> (\$000)	<u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u>
116-672	AIRCRAFT WASHING AND DEICING FACILITY	LS	659	MAY 93 MAR 96
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved <u>6 JUN 95</u> (Date)				
9. LAND ACQUISITION REQUIRED		None (Number of Acres)		
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> (\$000)	
171-445	COMPOSITE SUPPORT FACILITY	96,300 SF	7,100	
211-157	ENGINE AND SURVIVAL EQUIPMENT SHOPS	24,400 SF	4,300	
214-425	VEHICLE AND AGE MAINTENANCE COMPLEX	22,300 SF	3,700	

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE		
3. INSTALLATION AND LOCATION FRANCIS S GABRESKI AIRPORT, NEW YORK							
11. PERSONNEL STRENGTH AS OF 1 AUG 95							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	219	8	37	174	854	111	743
ACTUAL	216	12	37	167	821	100	721
12. RESERVE UNIT DATA							
				<u>STRENGTH</u>			
<u>UNIT DESIGNATION</u>				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
102	RQS			109	98		
106	RQG			47	46		
106	CES			158	136		
106	MXS			101	104		
106	MSF			55	58		
106	LS			111	103		
106	MED SQ			56	38		
106	SVF			30	27		
8106	STUFLT			20	61		
106	AGS			62	58		
106	LG SPT			15	10		
106	OPSGRP			10	10		
106	OPSPFT			24	22		
106	SG			5	4		
106	LG			9	9		
106	COMM			42	37		
TOTALS				854	821		
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ASSIGNED</u>		
HC-130 Aircraft				4	4		
MH-60G				5	6		
Support Equipment				200	180		
Vehicle Equivalents				303	320		

1. COMPONENT		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
ANG					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
FRANCIS S. GABRESKI AIRPORT NEW YORK			AIRCRAFT WASHING AND DEICING FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
55256F	116-672	WKVB939505	\$659		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
AIRCRAFT WASHING AND DEICING FACILITY		LS			200
SUPPORTING FACILITIES					394
UTILITIES/WATER STORAGE		LS			(245)
PAVEMENTS		LS			(10)
SITE IMPROVEMENTS		LS			(30)
ENVIRONMENTAL CONTROL SYSTEM		LS			(109)
SUBTOTAL					594
CONTINGENCY (5%)					30
TOTAL CONTRACT COST					624
SUPERVISION, INSPECTION AND OVERHEAD (5%)					31
TOTAL REQUEST					655
TOTAL REQUEST (ROUNDED)					659
10. Description of Proposed Construction: Concrete pad with drainage features for fluid containment. Provide utilities, pavements, site improvements, wash water disposal system, and glycol recovery/recycling system.					
11. REQUIREMENT: As required. <u>PROJECT:</u> Aircraft Washing and Deicing Facility (Current Mission). <u>REQUIREMENT:</u> This is a level II environmental compliance project as mandated by the Clean Water Act and required by 40 CFR 125, Criteria and Standards for National Pollution Discharge Elimination System. The base requires an environmentally safe facility to deice aircraft prior to each flight and rinse aircraft after each flight. Proposed state regulations require glycol discharges be contained and not allowed to enter streams or waterways. This project will provide a means of recovering and recycling the deicing fluids. <u>CURRENT SITUATION:</u> The base is located near water and the low-level C-130 and helicopter air rescue training missions occur daily over the Atlantic Ocean. The aircraft come back to the base covered with salt-water mist. and are deiced and rinsed in the open on the ramp. Waste rinse water and deicing fluids run off the apron onto the ground contaminating the soil with glycols, salt and other aircraft fluids. In addition, the apron area is not properly sized. It requires the aircraft to be towed into place adding to the loss of operational and training efficiencies. Improper corrosion control also increases the corrosive action of the salt water mist on aircraft components. This has been noted by the Air Force Corrosion Control team's inspection report. <u>IMPACT IF NOT PROVIDED:</u> Unable to properly deice or rinse aircraft. The continued contamination of groundwater and pollution of nearby streams					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
FRANCIS S. GABRESKI AIRPORT NEW YORK		
4. PROJECT TITLE		5. PROJECT NUMBER
AIRCRAFT WASHING AND DEICING FACILITY		WKVB939505
<p>puts the base in violation of federal and state environmental statutes. Notices of violation from environmental regulators could result in fines and penalties. Increased corrosion on aircraft adversely affects components and ultimately impacts the mission.</p>		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
FRANCIS S. GABRESKI AIRPORT NEW YORK		
4. PROJECT TITLE	5. PROJECT NUMBER	
AIRCRAFT WASHING AND DEICING FACILITY	WKVB939505	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 MAY 12
(b) Percent Complete as of Jan 96		70%
(c) Date 35% Designed		95 MAY 15
(d) Date Design Complete		96 MAR 31
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		20
(b) All Other Design Costs		10
(c) Total		30
(d) Contract		30
(e) In-house		
(4) Construction Start		
		97 JUN
b. Equipment associated with this project will be provided from other appropriations: N/A		
Capt Mark Susa (301) 836-8187		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE	
3. INSTALLATION AND LOCATION STEWART INTERNATIONAL AIRPORT, NEW YORK					4. AREA CONSTR COST INDEX 1.23	
5. FREQUENCY AND TYPE OF UTILIZATION Four Unit Training Assemblies per month, 15 days annual training per year, daily use for technician force, and for training.						
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS Army National Guard Units, two Army Reserve units, one Naval Reserve unit, one Marine Corps Reserve Unit (colocated) and the U. S. Military Academy.						
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997						
CATEGORY				COST	DESIGN STATUS	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>	
171-212	C-5 FLIGHT SIMULATOR FACILITY	1,100 SM	3,000	FEB 94	OCT 95	
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved						
				7 FEB 95 (Date)		
9. LAND ACQUISITION REQUIRED			None			
			(Number of Acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS						
CATEGORY				COST		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>			
900-000	COVER LANDFILL	LS	2,200			

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE
3. INSTALLATION AND LOCATION STEWART INTERNATIONAL AIRPORT, NEW YORK					
11. PERSONNEL STRENGTH AS OF 31 JUL 95					
	<u>PERMANENT</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>				<u>GUARD/RESERVE</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	632	37	571	24	1,717 134 1,583
ACTUAL	617	29	564	24	1,523 127 1,396
12. RESERVE UNIT DATA					
<u>UNIT DESIGNATION</u>		<u>STRENGTH</u>			
		<u>AUTHORIZED</u>	<u>ACTUAL</u>		
105	AG	54	56		
105	LSF	88	60		
105	FMS	467	365		
105	AGS	231	199		
105	APS	124	99		
105	CES	158	155		
105	SVF	30	32		
105	COMFLT	40	32		
105	MSF	34	38		
105	LS	125	113		
105	SPS	81	69		
137	AS	178	157		
105	MED SQ	67	62		
105	LG	18	12		
105	SPT GP	5	4		
105	OPS GP	5	4		
105	OSF	12	11		
8105	STU FT	0	55		
TOTALS		1,717	1,523		
13. MAJOR EQUIPMENT AND AIRCRAFT					
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>			
C-5A Aircraft	13	13			
KC-130 T (USMCR)	14	13			
Support Equipment	165	142			
Vehicle Equivalents	538	739			

1. COMPONENT		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
ANG					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
STEWART INTERNATIONAL AIRPORT NEW YORK			C-5 FLIGHT SIMULATOR FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
54119F	171-212	WHAY939802	\$3,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
C-5 FLIGHT SIMULATOR FACILITY		SM	1,100	2,130	2,343
SUPPORTING FACILITIES					380
UTILITIES		LS			(190)
PAVEMENTS		LS			(65)
SITE IMPROVEMENTS		LS			(35)
FIRE PROTECTION		LS			(90)
SUBTOTAL					2,723
CONTINGENCY (5%)					136
TOTAL CONTRACT COST					2,859
SUPERVISION, INSPECTION AND OVERHEAD (5%)					143
TOTAL REQUEST					3,002
TOTAL REQUEST (ROUNDED)					3,000
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. Includes utilities, pavements, site improvements, fire protection, and support. Air Conditioning: 30 Tons.					
11. REQUIREMENT: 1,100 SM ADEQUATE: 0 SUBSTANDARD: 0 PROJECT: C-5 Flight Simulator Facility (New Mission). REQUIREMENT: The Defense Planning Guidance directs that training be moved from actually flying the aircraft into simulators. This reduces aircraft wear and tear, provides long term savings for flying hours, aircraft maintenance, travel and mandays and increases training capabilities. Air Mobility Command has directed that the Local Proficiency Sorties be accomplished in simulators. Flying hours have been reduced. The base requires a facility to house C-5 simulator equipment. CURRENT SITUATION: The base does not have a facility that can accommodate the simulator equipment and associated classrooms. ANG personnel must travel to other bases that have a simulator. However, with the directed increase in simulator training, there is not enough simulator time to accommodate the training requirements. HQ AMC has stated the need for two simulators in the Air Reserve Components. Only one now exists. The simulator equipment is being purchased and the delivery date will coincide with the completion of facility construction. IMPACT IF NOT PROVIDED: Unable to meet the training requirements and comply with the Defense Planning Guidance. Aircraft wear and tear cannot be reduced. Higher operating costs. Crews may not be combat ready. ADDITIONAL: There are no facilities on base that can house this equipment. All known options were considered during the development of					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
STEWART INTERNATIONAL AIRPORT NEW YORK		
4. PROJECT TITLE		5. PROJECT NUMBER
C-5 FLIGHT SIMULATOR FACILITY		WHAY939802
<p>this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p>		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
STEWART INTERNATIONAL AIRPORT NEW YORK		
4. PROJECT TITLE	5. PROJECT NUMBER	
C-5 FLIGHT SIMULATOR FACILITY	WHAY939802	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	94 FEB 01	
(b) Percent Complete as of Jan 96	100%	
(c) Date 35% Designed	95 MAY 01	
(d) Date Design Complete	95 OCT 01	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications	150	
(b) All Other Design Costs	60	
(c) Total	210	
(d) Contract	210	
(e) In-house		
(4) Construction Start	97 JUN	
b. Equipment associated with this project will be provided from other appropriations: Simulator to be provided using aircraft procurement funds. Approximate cost: \$30 Million. Approximate delivery date FY98/1.		
Capt Mark Susa (301) 836-8187		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE
3. INSTALLATION AND LOCATION WILL ROGERS WORLD AIRPORT, OKLAHOMA			4. AREA CONSTR COST INDEX 0.92
5. FREQUENCY AND TYPE OF UTILIZATION Four Unit Training Assemblies per month, 15 days annual field training per year, daily use by technician/AGR force and for training.			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 4 Army National Guard Facilities, 4 Army Reserve Facilities, 1 Air Force Reserve Facility, 1 Naval Reserve Facility and 1 Marine Reserve Facility.			
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997			
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u> <u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u>
730-835	ADD TO AND ALTER SECURITY POLICE FACILITY	623 SM	570 APR 92 DEC 94
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved			
			<u>6 OCT 93</u> (Date)
9. LAND ACQUISITION REQUIRED		None	
			(Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS			
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>
171-449	AEROMEDICAL EVACUATION TRAINING FACILITY	20,900 SF	3,000
442-758	BASE SUPPLY FACILITY	29,000 SF	4,000

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE
3. INSTALLATION AND LOCATION WILL ROGERS WORLD AIRPORT, OKLAHOMA					
11. PERSONNEL STRENGTH AS OF 11 AUG 94					
	<u>PERMANENT</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>				<u>GUARD/RESERVE</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	305	30	240	35	1,281 189 1,092
ACTUAL	282	30	218	34	1,167 184 983
12. RESERVE UNIT DATA					
<u>UNIT DESIGNATION</u>		<u>STRENGTH</u>			
		<u>AUTHORIZED</u>	<u>ACTUAL</u>		
137	ALW	51	51		
137	ALS	95	101		
137	MNT SQ	169	156		
137	MSF	34	34		
137	MED SQ	52	51		
137	APF	65	53		
137	CES	134	109		
137	SVF	34	30		
137	SPS	57	55		
137	LGS	107	94		
137	AEROMD	146	130		
205	EIS	220	190		
137	COM FT	40	36		
137	OPS GP	6	6		
137	OSF	18	18		
137	LOG GP	7	6		
137	SPT GP	5	6		
HQ	OKANG	27	29		
137	ALCEFT	14	12		
TOTALS		1,281	1,167		
13. MAJOR EQUIPMENT AND AIRCRAFT					
<u>TYPE</u>		<u>AUTHORIZED</u>	<u>ASSIGNED</u>		
C-130H		8	10		
Support Equipment		126	100		
Vehicle Equivalents		450	449		

1. COMPONENT		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
ANG					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
WILL ROGERS WORLD AIRPORT OKLAHOMA			ADD TO AND ALTER SECURITY POLICE FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
55296F	730-835	YZEU899625	\$570		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
ADD TO AND ALTER SECURITY POLICE FACILITY	SM	623		426	
ADD TO SECURITY POLICE	SM	167	1,080	(180)	
ALTER SECURITY POLICE	SM	456	540	(246)	
SUPPORTING FACILITIES				90	
UTILITIES	LS			(20)	
PAVEMENTS	LS			(20)	
SITE IMPROVEMENTS	LS			(10)	
PREWIRED WORKSTATIONS	LS			(40)	
SUBTOTAL				516	
CONTINGENCY (5%)				26	
TOTAL CONTRACT COST				542	
SUPERVISION, INSPECTION AND OVERHEAD (5%)				27	
TOTAL REQUEST				569	
TOTAL REQUEST (ROUNDED)				570	
10. Description of Proposed Construction: Add to and alter Building 1035. Addition: Reinforced concrete foundation and floor slab, masonry walls, steel frame and roof structure. Exterior to match existing. Alteration: Rearrange partitions, relocate and extend utilities and alter walls. Provide all utilities and support. Air Conditioning: 5 Tons.					
11. REQUIREMENT: 623 SM ADEQUATE: 0 SUBSTANDARD: 670 SM PROJECT: Add to and Alter Security Police Facility (Current Mission). REQUIREMENT: This is a Level I Commanders Facility Assessment (CFA) requirement. The base requires an adequately sized and properly configured law enforcement and security flight facility for effective and efficient management and support of law enforcement, base defense and training. Functional areas include: command, supervision, training and administrative areas, arms vault and storage. This facility also supports mobility and deployment requirements for wartime/contingency operations. CURRENT SITUATION: The security police function is presently located in a substandard, overcrowded, temporary, sheet metal building which is expensive to operate and maintain. The building is a safety and health hazard. The building is energy inefficient. There is no room for cleaning, repairing or properly securing of weapons. Training must be accomplished in extremely crowded conditions. Mobility storage is not secure or readily accessible. The facility has approximately one third of the required space and is not a quality work place. Upon completion of this project Building 1029 at 2,304 SF will be demolished. IMPACT IF NOT PROVIDED: Health and safety hazards continue. Higher operating costs. Poor working conditions. Security is compromised. Training is degraded. Mission support is affected.					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
WILL ROGERS WORLD AIRPORT OKLAHOMA		
4. PROJECT TITLE	5. PROJECT NUMBER	
ADD TO AND ALTER SECURITY POLICE FACILITY	YZEU899625	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		92 APR 14
(b) Percent Complete as of Jan 96		100%
(c) Date 35% Designed		93 MAY 04
(d) Date Design Complete		94 DEC 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		26
(b) All Other Design Costs		16
(c) Total		42
(d) Contract		42
(e) In-house		
(4) Construction Start		97 MAY
b. Equipment associated with this project will be provided from other appropriations: N/A		
Lt Col Bob Lyon (301) 836-8070		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE																			
3. INSTALLATION AND LOCATION FORT WORTH JOINT RESERVE BASE, TEXAS				4. AREA CONSTR COST INDEX 0.91																			
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.																							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS Two Navy/Marine Corps Training Centers, Four Army Reserve Centers, Five Army National Guard Armories.																							
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997																							
<table border="1"> <thead> <tr> <th>CATEGORY</th> <th>PROJECT TITLE</th> <th>SCOPE</th> <th>COST (\$000)</th> <th colspan="2">DESIGN STATUS</th> </tr> <tr> <th>CODE</th> <th></th> <th></th> <th></th> <th>START</th> <th>CMPL</th> </tr> </thead> <tbody> <tr> <td>211-179</td> <td>FUEL CELL AND CORROSION CONTROL FACILITY</td> <td>2,050 SM</td> <td>3,450</td> <td>SEP 93</td> <td>FEB 96</td> </tr> </tbody> </table>						CATEGORY	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS		CODE				START	CMPL	211-179	FUEL CELL AND CORROSION CONTROL FACILITY	2,050 SM	3,450	SEP 93	FEB 96
CATEGORY	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS																			
CODE				START	CMPL																		
211-179	FUEL CELL AND CORROSION CONTROL FACILITY	2,050 SM	3,450	SEP 93	FEB 96																		
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved				6 JUN 95 (Date)																			
9. LAND ACQUISITION REQUIRED		None		(Number of Acres)																			
10. PROJECTS PLANNED IN NEXT FOUR YEARS																							
<table border="1"> <thead> <tr> <th>CATEGORY</th> <th>PROJECT TITLE</th> <th>SCOPE</th> <th>COST (\$000)</th> <th colspan="2"></th> </tr> <tr> <th>CODE</th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> </tbody> </table>						CATEGORY	PROJECT TITLE	SCOPE	COST (\$000)			CODE											
CATEGORY	PROJECT TITLE	SCOPE	COST (\$000)																				
CODE																							

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION					2. DATE		
3. INSTALLATION AND LOCATION FORT WORTH JOINT RESERVE BASE, TEXAS								
11. PERSONNEL STRENGTH AS OF 25 AUG 95								
	PERMANENT				GUARD/RESERVE			
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	
AUTHORIZED	267	6	52	209	1,018	132	886	
ACTUAL	225	6	52	167	978	140	838	
12. RESERVE UNIT DATA								
				<u>STRENGTH</u>				
<u>UNIT DESIGNATION</u>				<u>AUTHORIZED</u>	<u>ACTUAL</u>			
136	ALT	WG		52	54			
181	ALT	SQ		95	103			
136	MXS			138	119			
136	MSF			34	34			
136	MDS			53	53			
136	CES	SQ		110	94			
136	SVS	FT		30	27			
181	WEA	FT		19	22			
531	AFBAND			36	35			
136	SPS			57	50			
136	MAP	SQ		101	96			
136	LGS			110	102			
136	COMMFT			40	41			
136	OG			6	9			
136	OLMC			6	6			
136	LG			9	9			
136	OSF			19	18			
136	ALCF			14	14			
136	SPT	GP		5	5			
136	AGS			62	57			
136	LSF			13	12			
8136	STUFLT			9	18			
TOTALS				1,018	978			
13. MAJOR EQUIPMENT AND AIRCRAFT								
<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ASSIGNED</u>			
C-130H Aircraft				8	9			
Support Equipment				120	117			
Vehicle Equivalents				199	243			

1. COMPONENT ANG		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION FORT WORTH JOINT RESERVE BASE TEXAS			4. PROJECT TITLE FUEL CELL AND CORROSION CONTROL FACILITY		
5. PROGRAM ELEMENT 55256F	6. CATEGORY CODE 211-179	7. PROJECT NUMBER DDPF949519	8. PROJECT COST(\$000) \$3,450		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
FUEL CELL AND CORROSION CONTROL FACILITY		SM	2,050		2,343
FUEL SYSTEM MAINTENANCE DOCK AREA		SM	1,750	1,150	(2,013)
FUEL CELL MAINTENANCE SHOP AREA		SM	160	1,100	(176)
CORROSION CONTROL SHOP AREA		SM	140	1,100	(154)
SUPPORTING FACILITIES					740
UTILITIES		LS			(170)
PAVEMENTS		LS			(220)
SITE IMPROVEMENTS		LS			(50)
FIRE PROTECTION SYSTEM		LS			(300)
SUBTOTAL					3,083
CONTINGENCY (5%)					154
TOTAL CONTRACT COST					3,237
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					210
TOTAL REQUEST					3,447
TOTAL REQUEST (ROUNDED)					3,450
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with masonry/insulated metal panel walls. Structure shall be steel frame with standing seam metal roof. Provide all utilities, access pavements, site improvements, an oil/water separator, and fire suppression. <u>Air Conditioning: 10 Tons.</u>					
11. REQUIREMENT: 2,200 SM ADEQUATE: 0 SUBSTANDARD: 0 <u>PROJECT:</u> Fuel Cell and Corrosion Control Facility (Current Mission). <u>REQUIREMENT:</u> This is a level II environmental compliance requirement. This facility is needed to provide control of fugitive emissions, and paint and abrasive particulates, in compliance with the Clean Air Act Amendments of 1990, and required by 40 CFR 63, Section 112, which enforces the practice of controlling hazardous air pollutant emissions associated with the manufacturing and reworking of military and commercial aircraft, subassemblies and aircraft parts. Functional areas include fuel cell/corrosion control hangar bay, bladder repair, and associated shop areas which must meet air quality emission standards. This project will replace and consolidate uncontrolled blasting activities while providing a single, central facility which will establish and maintain proper environmental controls. <u>CURRENT SITUATION:</u> The base does not have a facility for the C-130 fuel cell and corrosion control function. These tasks are performed on the ramp in violation of environmental regulations as well as Technical Orders. Interim solutions are costly and, at times, unsafe. Accidental fuel spills on the ramp occur and enter the soil through the pavement joints. Continued use of interim measures contributes to air pollution and increases the risk of soil and water contamination.					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
FORT WORTH JOINT RESERVE BASE TEXAS		
4. PROJECT TITLE		5. PROJECT NUMBER
FUEL CELL AND CORROSION CONTROL FACILITY		DDPF949519
<p><u>IMPACT IF NOT PROVIDED:</u> Federal and state environmental statutes for air and water would continue to be violated and could result in notices of violation and fines. Poor working conditions would continue to impact the health and welfare of personnel. Inadequate corrosion control and fuel cell functions adversely affect training and aircraft maintenance capabilities, and contribute to higher operating costs.</p> <p><u>ADDITIONAL:</u> An exception to the economic analysis requirement has been prepared. The paper presents the rational for only one alternative which is to construct the fuel cell and corrosion control dock.</p>		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
FORT WORTH JOINT RESERVE BASE TEXAS		
4. PROJECT TITLE	5. PROJECT NUMBER	
FUEL CELL AND CORROSION CONTROL FACILITY	DDPF949519	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 SEP 30
(b) Percent Complete as of Jan 96		95%
(c) Date 35% Designed		94 JAN 15
(d) Date Design Complete		96 FEB 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		140
(b) All Other Design Costs		75
(c) Total		215
(d) Contract		215
(e) In-house		
(4) Construction Start		97 MAY
b. Equipment associated with this project will be provided from other appropriations: N/A		
Mr. Steve Rider (301) 836-8083		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE	
3. INSTALLATION AND LOCATION SALT LAKE CITY INTERNATIONAL AIRPORT ANG, UTAH			4. AREA CONSTR COST INDEX 0.91	
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Naval/Marines Corps Reserve, 1 Army Reserve and 2 Army National Guard Units				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997				
CATEGORY			COST	DESIGN STATUS
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u> <u>CMPL</u>
171-447	ELECTRONICS SECURITY SQUADRON COMPLEX	1,191 SM	2,250	SEP 93 FEB 96
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved				
				20 OCT 94 (Date)
9. LAND ACQUISITION REQUIRED		None		
		(Number of Acres)		
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY			COST	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	
171-445	COMPOSITE OPS AND TRAINING AND SQUADRON OPERATIONS COMPLEX	72,200 SF	8,700	
214-425	VEHICLE WASHING AND CORROSION CONTROL FACILITY	2,550 SF	460	
217-712	COMPOSITE AIRCRAFT MAINTENANCE COMPLEX	110,800 SF	11,000	
730-142	FIRE STATION	10,000 SF	2,100	
880-232	FIRE DETECTION AND SUPPRESSION SYSTEMS	LS	2,000	

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE		
3. INSTALLATION AND LOCATION SALT LAKE CITY INTERNATIONAL AIRPORT ANG, UTAH							
11. PERSONNEL STRENGTH AS OF 31 JUL 95							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	447	67	344	36	1,646	183	1,463
ACTUAL	444	67	342	35	1,458	173	1,285
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>		<u>STRENGTH</u>					
		<u>AUTHORIZED</u>	<u>ACTUAL</u>				
HQ	UT ANG	28	28				
151	ARG	59	52				
151	OG	6	6				
151	OSF	27	20				
151	ARS	74	79				
151	LG	12	10				
151	LSF	25	27				
151	LS	108	97				
151	MXS	142	157				
151	AGS	86	93				
151	SUG	5	4				
151	CES	147	128				
151	SVC	30	26				
151	SPS	75	77				
151	MSF	34	34				
151	CFT	43	35				
151	MDS	55	58				
130	EIS	228	170				
299	RCS	108	92				
106	ACS	120	71				
109	ACS	121	89				
169	IS	113	105				
TOTALS		1,646	1,458				
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>					
KC-135 Aircraft	9	10					
Support Equipment	175	164					
Vehicle Equivalents	716	887					

1. COMPONENT		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
ANG					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
SALT LAKE CITY INTERNAT'L APT ANG UTAH			ELECTRONICS SECURITY SQUADRON COMPLEX		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
53115F	171-447	USEB939661	\$2,250		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
ELECTRONICS SECURITY SQUADRON COMPLEX	SM	1,191		1,598	
MAINTENANCE BAYS	SM	302	1,600	(483)	
WAREHOUSE AND SUPPLY AREA	SM	391	950	(371)	
MAINTENANCE SHOP AREA	SM	93	1,600	(149)	
ADMINISTRATIVE AND TRAINING AREA	SM	326	1,450	(473)	
ADDITION TO BUILDING 302	SM	79	1,540	(122)	
SUPPORTING FACILITIES				450	
PAVEMENTS/UTILITIES	LS			(250)	
SITE IMPROVEMENTS	LS			(100)	
PREWIRED WORK STATIONS	LS			(100)	
SUBTOTAL				2,048	
CONTINGENCY (5%)				102	
TOTAL CONTRACT COST				2,150	
SUPERVISION, INSPECTION AND OVERHEAD (5%)				108	
TOTAL REQUEST				2,258	
TOTAL REQUEST (ROUNDED)				2,250	
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. Provide all utilities, site improvements, and fire protection. Addition to match existing. Includes vehicle parking, roads, drainage, and landscape work and security measure. Dispose of building 1626 at 9,906 SF. Air Conditioning: 15 Tons.					
11. REQUIREMENT: 2,307 SM ADEQUATE: 1,116 SM SUBSTANDARD: 298 SM PROJECT: Electronics Security Squadron Complex (New Mission). REQUIREMENT: This project supports the Senior Scout mission which has been transferred from the active Air Force to the ANG. A facility is required to provide: a training area, administrative space, supply storage, shipping, receiving, and shop space for maintenance of equipment. The building is designed for two Senior Scout maintenance/storage bays with drive through capability. CURRENT SITUATION: The base does not have the permanent space to support the Senior Scout mission. This mission was assigned to the ANG and requires permanent facilities for training and daily operation. The mission operates in conjunction with the 169th Electronics Security Squadron. Temporary supply function is operating in a 392 SF caged area with no room for expansion. Secure storage requirements have increased dramatically with the Senior Scout mission. The additional equipment does not properly fit in the rooms. Some is stored and cannot be used. Other pieces of equipment are set up in hallways in violation of Technical Orders, security and fire codes. The situation will get worse with the anticipated increase in administrative personnel. The building was constructed for a different technical function and does not serve well the new mission. The storage bay is not large enough to hold the authorized					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
SALT LAKE CITY INTERNAT'L APT ANG UTAH		
4. PROJECT TITLE		5. PROJECT NUMBER
ELECTRONICS SECURITY SQUADRON COMPLEX		USEB939661
<p>equipment and trailers. The modules, which are mounted on 40 ft trailers and cost over \$20 million each, are stored in a temporary building to provide limited protection to the electronic equipment.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The supply function cannot support the Senior Scout system, degrading the unit's mission readiness. Uncleared personnel housed in the building continue to require an additional person full-time as an escort, making it extremely difficult to function and keep personnel trained. The \$20 million modules, which are presently stored in temporary facilities, could get damaged. Degraded readiness as the unit is unable to reach full operational capability. Possible compromise in security.</p>		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
SALT LAKE CITY INTERNAT'L APT ANG UTAH		
4. PROJECT TITLE		5. PROJECT NUMBER
ELECTRONICS SECURITY SQUADRON COMPLEX		USEB939661
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		93 SEP 20
(b) Percent Complete as of Jan 96		95%
(c) Date 35% Designed		95 APR 21
(d) Date Design Complete		96 FEB 01
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		70
(b) All Other Design Costs		31
(c) Total		101
(d) Contract		101
(e) In-house		
(4) Construction Start		97 JUN
b. Equipment associated with this project will be provided from other appropriations: N/A		
Mr. John Loehle (301) 836-8076		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE
3. INSTALLATION AND LOCATION VOLK FIELD AIR NATIONAL GUARD BASE, WISCONSIN			4. AREA CONSTR COST INDEX 1.33
5. FREQUENCY AND TYPE OF UTILIZATION Year round operational training of Air National Guard Units and other Reserve and Guard components and Active Military Units.			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Army National Guard Unit			
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997			
CATEGORY			COST DESIGN STATUS
CODE	PROJECT TITLE	SCOPE	(\$000) START CMPL
832-266	UPGRADE SANITARY SEWER SYSTEM	LS	850 APR 94 MAY 96
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved			
			18 JAN 95 (Date)
9. LAND ACQUISITION REQUIRED		None	(Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS			
CATEGORY			COST
CODE	PROJECT TITLE	SCOPE	(\$000)
111-111	UPGRADE RUNWAY AND TAXIWAY	219,500 SY	9,000
422-264	MUNITIONS STORAGE IGLOOS	3,600 SF	700
442-758	BASE SUPPLY AND EQUIPMENT WAREHOUSE	32,000 SF	4,900
725-517	TROOP TRAINING QUARTERS COMPLEX	65,000 SF	6,400

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE		
3. INSTALLATION AND LOCATION VOLK FIELD AIR NATIONAL GUARD BASE, WISCONSIN							
11. PERSONNEL STRENGTH AS OF 31 JUL 95							
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	212	19	121	72	231	27	204
ACTUAL	183	16	95	72	194	23	171
12. RESERVE UNIT DATA							
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>					
		<u>AUTHORIZED</u>	<u>ACTUAL</u>				
	VOLK CRTC	110	87				
	128 AC SQ	121	107				
	TOTALS	231	194				
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>				
	Support Equipment	260	243				
	Vehicle Equivalents	777	706				

1. COMPONENT ANG		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION VOLK FIELD AIR NATIONAL GUARD BASE WISCONSIN			4. PROJECT TITLE UPGRADE SANITARY SEWER SYSTEM		
5. PROGRAM ELEMENT 55256F	6. CATEGORY CODE 832-266	7. PROJECT NUMBER YAQF949642	8. PROJECT COST(\$000) \$850		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
UPGRADE SANITARY SEWER SYSTEM	LS			720	
SUPPORTING FACILITIES				50	
PAVEMENTS	LS			(20)	
SITE IMPROVEMENTS	LS			(30)	
SUBTOTAL				770	
CONTINGENCY (5%)				39	
TOTAL CONTRACT COST				809	
SUPERVISION, INSPECTION AND OVERHEAD (5%)				40	
TOTAL REQUEST				849	
TOTAL REQUEST (ROUNDED)				850	
10. Description of Proposed Construction: Replace damaged, broken, and undersized sewer main lines, lateral lines, and various appurtenances with correctly sized lines of modern materials. Repair damage to roads, sidewalks, and grounds caused by excavation to upgrade lines.					
11. REQUIREMENT: As required. <u>PROJECT:</u> Upgrade Sanitary Sewer System (Current Mission). <u>REQUIREMENT:</u> This is a level II environmental compliance project as mandated by the Clean Water Act and required by 40 CFR 403, General Pretreatment Regulations for Existing and New Sources of Pollution. A modern sanitary sewer system capable of accommodating the volume of sanitary wastes from expanded base facilities, and free from infiltration due to breaks, loose joints, and adverse site conditions is required. <u>CURRENT SITUATION:</u> The clay tile sewage collection system was originally installed in the 1930s. Over the years the base has grown and the demands on the piping in many areas has exceeded its operational capacity. Storm water and ground water infiltration due to loose joints, cracked and broken pipes, low manholes, and settlement is placing an excess load on the treatment system and violates local utility regulations. Extensive deterioration of manholes and piping has caused many distribution lines to fill with sand and dirt and obstruct the proper flow in the sewer lines. The system has exceeded its design life and is failing at a rapidly increasing rate. <u>IMPACT IF NOT PROVIDED:</u> Unable to comply with federal, state, and local environmental laws, thus increasing the potential for notices of violation and fines. A severe impact from both a cost and liability standpoint could materialize if the system fails. Sewage backups into facilities would cause work delays, facility damage, and health hazards.					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
VOLK FIELD AIR NATIONAL GUARD BASE WISCONSIN		
4. PROJECT TITLE	5. PROJECT NUMBER	
UPGRADE SANITARY SEWER SYSTEM	YAQF949642	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		94 APR 12
(b) Percent Complete as of Jan 96		65%
(c) Date 35% Designed		95 OCT 01
(d) Date Design Complete		96 MAY 31
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		40
(b) All Other Design Costs		22
(c) Total		62
(d) Contract		62
(e) In-house		
(4) Construction Start		97 JUL
b. Equipment associated with this project will be provided from other appropriations: N/A		
Mr. John Loehle (301) 836-8076		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE
3. INSTALLATION AND LOCATION PUERTO RICO INTERNATIONAL AIRPORT, PUERTO RICO				4. AREA CONSTR COST INDEX 1.25
5. FREQUENCY AND TYPE OF UTILIZATION Four Unit Training Assemblies per month, 15 days annual field training per year, daily use by technician/AGR force, and for training.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Air National Guard Unit, 1 Active Army Unit, 8 Army National Guard Units, 3 Army Reserve Units and 2 Naval Units.				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997				
CATEGORY			COST	DESIGN STATUS
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u> <u>CMPL</u>
214-467	REFUELING VEHICLE SHOP AND PAINT BAY	252 SM	450	SEP 93 JUN 96
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved				
				30 SEP 94 (Date)
9. LAND ACQUISITION REQUIRED		None		
			(Number of Acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY			COST	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	
116-922	UPGRADE BAK12/14 AIRCRAFT ARRESTING SYSTEM	LS	1,350	
722-351	DINING HALL AND MEDICAL TRAINING FACILITY	36,800 SF	4,650	
730-142	FIRE STATION	12,500 SF	2,250	

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE		
3. INSTALLATION AND LOCATION PUERTO RICO INTERNATIONAL AIRPORT, PUERTO RICO							
11. PERSONNEL STRENGTH AS OF 31 JUL 95							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	381	35	259	87	1,032	99	933
ACTUAL	290	18	176	96	1,018	100	918
12. RESERVE UNIT DATA							
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>					
		<u>AUTHORIZED</u>	<u>ACTUAL</u>				
	156 FG	53	51				
	156 FGDET1	9	7				
	156 OG	3	3				
	156 OSF	23	20				
	198 FS	38	45				
	156 SPTG	5	4				
	156 MSF	34	31				
	156 LG	20	16				
	156 MS	201	197				
	156 LSF	32	24				
	156 AGS	175	175				
	156 LS	112	110				
	156 MED AQ	54	65				
	156 MDSQOL	3	3				
	156 CES	134	128				
	156 SPS	57	61				
	156 CF	49	44				
	156 SVF	30	34				
	TOTALS	1,032	1,018				
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>				
	C-26 Aircraft	12	17				
	F-16 Aircraft	1	1				
	Support Equipment	107	87				
	Vehicle Equivalents	321	309				

1. COMPONENT ANG		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION PUERTO RICO INTERNATIONAL AIRPORT PUERTO RICO			4. PROJECT TITLE REFUELING VEHICLE SHOP AND PAINT BAY		
5. PROGRAM ELEMENT 55256F	6. CATEGORY CODE 214-467	7. PROJECT NUMBER TUMR939783	8. PROJECT COST(\$000) \$450		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
REFUELING VEHICLE SHOP AND PAINT BAY		SM	252		334
VEHICLE REFUELING SHOP		SM	140	1,350	(189)
PAINT BAY AREA		SM	75	1,350	(101)
ADMINISTRATIVE AND UTILITY AREA		SM	37	1,190	(44)
SUPPORTING FACILITIES					67
UTILITIES		LS			(25)
PAVEMENTS		LS			(30)
SITE IMPROVEMENTS		LS			(12)
SUBTOTAL					401
CONTINGENCY (5%)					20
TOTAL CONTRACT COST					421
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					27
TOTAL REQUEST					448
TOTAL REQUEST (ROUNDED)					450
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls, steel frame and roof structure. Ventilation in accordance with environmental and safety regulations and standards. Provide all utilities, pavements, site improvements, and support. <u>Air Conditioning: 5 Tons.</u>					
11. REQUIREMENT: 252 SM ADEQUATE: 0 SUBSTANDARD: 65 SM <u>PROJECT:</u> Refueling Vehicle Shop and Paint Bay (Current Mission). <u>REQUIREMENT:</u> This is a level II environmental compliance project mandated by the Clean Air Act (CAA) Amendments of 1990 and required by 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. This facility is needed to provide control of fugitive emissions, and paint and abrasive particulates. The CAA Amendments of 1990 requires enforcing the practice of controlling hazardous air pollutant emissions associated with the manufacturing and reworking of military and commercial aircraft, subassemblies and aircraft parts. Functional areas include refueler maintenance bay, paint bay, and associated shop areas which must meet air quality emission standards. This project replaces and consolidates uncontrolled blasting activities while providing a facility which establishes and maintains proper environmental controls. <u>CURRENT SITUATION:</u> The refueler maintenance bay does not meet federal and state safety or environmental standards and statutes. There is no containment for fuel spills or correct ventilation for fuel fumes. There is insufficient clearance between the walls and the refueler, limiting maintenance capabilities and equipment utilization. The facility has numerous health and safety violations and cannot be upgraded. The paint spray booth does not comply with pollution standards and needs to be					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
PUERTO RICO INTERNATIONAL AIRPORT PUERTO RICO		
4. PROJECT TITLE		5. PROJECT NUMBER
REFUELING VEHICLE SHOP AND PAINT BAY		TUMR939783
<p>replaced with modern equipment. There is no vehicle paint bay in which to install a new environmentally safe booth. Painting outside is not possible since dirt and insects would adhere to the fresh paint, and it would violate Technical Orders and safety and environmental standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Safety and environmental standards and statutes would be violated. Limited capabilities for maintaining refueling vehicles and inadequate training would continue to exist. Vehicles will continue to be painted under contract off-base which is the less economical alternative and does not meet mission requirements.</p>		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA ANG (computer generated)	2. DATE
3. INSTALLATION AND LOCATION PUERTO RICO INTERNATIONAL AIRPORT PUERTO RICO		
4. PROJECT TITLE	5. PROJECT NUMBER	
REFUELING VEHICLE SHOP AND PAINT BAY	TUMR939783	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	93 SEP 11	
(b) Percent Complete as of Jan 96	65%	
(c) Date 35% Designed	95 SEP 15	
(d) Date Design Complete	96 JUN 01	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	(\$000)	
(a) Production of Plans and Specifications	25	
(b) All Other Design Costs	10	
(c) Total	35	
(d) Contract	35	
(e) In-house		
(4) Construction Start	97 JUN	
b. Equipment associated with this project will be provided from other appropriations: N/A		
Mr. John Loehle (301) 836-8076		

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS - WITHIN THE UNITED STATES		
4. PROJECT TITLE PROJECTS \$400,000 AND UNDER - FY 97		5. PROJECT NUMBER VARIOUS
<p><u>STATE AND LOCATION</u></p> <p><u>PROJECT NUMBER</u></p> <p><u>PROJECT TITLE</u></p> <p><u>COST</u></p> <p>NEW JERSEY</p> <p>Atlantic City International Airport</p> <p>AQRC939564</p> <p>ADD TO AND ALTER MEDICAL TRAINING FACILITY</p> <p>380</p> <p>Provides an adequately sized facility to accommodate medical training and specialized medical equipment, including offices, examination and waiting rooms, laboratories, and records storage.</p> <p>Mr. Lee Anderson (301) 836-8080</p>		

1. COMPONENT ANG		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS(UNSPECIFIED)			4. PROJECT TITLE PLANNING AND DESIGN		
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 010-000	7. PROJECT NUMBER AAAA949745	8. PROJECT COST(\$000) \$7,725		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PLANNING AND DESIGN		LS			7,725
SUBTOTAL					7,725
TOTAL CONTRACT COST					7,725
TOTAL REQUEST					7,725
TOTAL REQUEST (ROUNDED)					7,725
10. Description of Proposed Construction: The funds requested will provide for the final design of facilities and achieve full evaluation for each project in terms of technical adequacy and estimated cost. In addition, the funds are required to prepare working drawings, specifications, and project reports for the design of construction projects to be included in future Military Construction Programs.					
11. REQUIREMENT: As required. <u>REQUIREMENT:</u> The ANG needs planning and design funds for projects to be included in future MILCON programs. The FY 97 design funds are needed to complete the design for projects to be included in FY 98 budget request and begin the design for projects to be included in FY 99 budget request. <u>CURRENT SITUATION:</u> The SECDEF bottom up review and the downsizing of the Air Force has resulted in the transferring of additional missions such as the B-1, KC-135, C-130, and others to the ANG. The MILCON for these aircraft conversions are included in the FY 98-99 programs. The ANG requires the design money in FY 97 to insure the design milestones for FY 98 and FY 99 as mandated by DODI 1225.7 are met. The ANG design dollars have been totally depleted. This is the result of past congressional MILCON adds to the program without a corresponding increase in design money. In order to preclude a design work stoppage, ANG was forced to reprogram \$5.8 Mil. However, this was only a short term stop gap measure. Additional reprogrammings may be necessary to resolve the shortfall resulting from the appropriated programs. This amended FY 97 budget has been increased by \$ 3 Mil to specifically design the projects that the Air Force added to the ANG Milcon program for FY 98 and FY 99 in support of the Boise ID, A-10/C-130 aircraft conversion. <u>IMPACT IF NOT PROVIDED:</u> The ANG will not be able to execute the FY 97 and					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
ANG			
3. INSTALLATION AND LOCATION			
VARIOUS LOCATIONS(UNSPECIFIED)			
4. PROJECT TITLE		5. PROJECT NUMBER	
PLANNING AND DESIGN		AAAA949745	
<p>FY 98 design programs. Since the majority of the programs are in support of new missions, conversions, and environmental compliance, the projects cannot be included in the MILCON programs and submitted to Congress. Conversions will be delayed; high risk and costly workarounds will occur. Inability to program environmental compliance projects will result in violation of county, state, and federal statutes. The ANG may receive fines and the DoD, AF, and ANG may receive adverse publicity. It will be hard to explain that this was caused by insufficient planning and design.</p>			

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1997

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD
PROGRAM 313: PLANNING AND DESIGN \$7,725,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for project planning and design of the construction requirements for the Air National Guard

PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Planning and Design will provide for establishing project construction design of the facilities and for achieving a full evaluation of each designed project in terms of technical adequacy and estimated costs.

1. COMPONENT ANG		FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS(UNSPECIFIED)			4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION		
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 999-999	7. PROJECT NUMBER AAAA949744	8. PROJECT COST(\$000) \$4,100		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UNSPECIFIED MINOR CONSTRUCTION		LS			4,100
SUBTOTAL					4,100
TOTAL CONTRACT COST					4,100
TOTAL REQUEST					4,100
TOTAL REQUEST (ROUNDED)					4,100
10. Description of Proposed Construction: Provides a lump sum for construction projects not otherwise authorized by law. Includes construction, alteration, or conversion of permanent or temporary facilities. The Secretary of the Air Force has the authority to approve projects of this nature under the provisions of 10 U. S. Code 2233a or 10 U. S. Code 2805.					
11. REQUIREMENT: As required. <u>REQUIREMENT</u> : This program provides the means of accomplishing projects costing over \$300,0000 but not exceeding \$1,500,000 that are not now identified, but which are anticipated to arise during late FY 1996, or early FY 97 to satisfy critical, unforeseen and urgent mission or environmental requirements. It would be too late to include these projects in the FY 97 MILCON and these projects cannot wait for inclusion in the FY 98 MILCON. <u>CURRENT SITUATION</u> : During this period, as the Air Force is cutting back force structure, the ANG is undergoing numerous aircraft conversions and beddowns. These include: conversions from F-15 and F-16 to B-1 at 2 locations; conversion of the F-4G and RF-4C to C-130/A-10 at two locations; conversions of the F-16 and RF-4C to KC 135 at 6 locations and many more non flying missions. Many facility requirements not now identified may need to be done on an urgent basis to support the arrival of new aircraft and equipment. Past records indicate that additional conversion projects are identified by the Site Activation Task Force. This is an ANG management team that arrives on a base selected for a conversion and conducts a program review to insure the conversion is successful and on time. Facilities and other issues are addressed. Unforseen and urgent environmental requirements to meet state and federal					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
VARIOUS LOCATIONS(UNSPECIFIED)		
4. PROJECT TITLE	5. PROJECT NUMBER	
UNSPECIFIED MINOR CONSTRUCTION	AAAA949744	
<p>laws are also typical projects that must be accomplished. The funds requested in this budget are not a percent of the budget but are based on past history and account for inflation only. Routine and non urgent projects are not funded by this account.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Unable to complete the beddowns. Will require formal reprogramming if savings are available. Urgent environmental requirements cannot be satisfied. More expensive and high risk workarounds will have to be used.</p>		

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1997

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD
PROGRAM 341: UNSPECIFIED MINOR CONSTRUCTION \$4,100,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for new construction and alteration projects having cost estimates over \$300,000 but not exceeding \$1,500,000 which are not otherwise authorized by law.

PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Minor Construction will finance projects for which the justification is such that they should not be included in the regular Military Construction Program for the Air National Guard and such that they exceed the minor construction work authorization in the Operations and Maintenance Appropriation.